

REAL ACTIVE EQUIP MENT

CATALOG

2024

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FEMAC 
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Italia

CERTIFICATO

Nr. 50 100 16217

SI ATTESTA CHE / THIS IS TO CERTIFY THAT
IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
THE QUALITY MANAGEMENT SYSTEM OF

FEMAC

FEMAC S.r.l.

SEDE LEGALE E OPERATIVA:
REGISTERED OFFICE AND OPERATIONAL SITE:
VOC. TASSINARA 104/BIS
IT - 06018 CITTA' DI CASTELLO (PG)

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF
UNI EN ISO 9001:2015

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE OF APPLICATION
Progettazione e costruzione di macchine agricole (IAF 18)
Design and construction of agricultural machineries (IAF 18)

Per l'Organismo di Certificazione
For the Certification Body
TUV Italia S.r.l.

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SGQ N° 049A

Membro degli Accordi di Mutuo Riconoscimento
EA, IAF e ILAC
signatory of EA, IAF and ILAC Mutual
Recognition Agreements

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"LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SOFVEGLIANZA PERIODICA A 12 MESI E AL RIESAME COMPLETO DEL SISTEMA DI GESTIONE AZIENDALE CON PERIODICITÀ TRIENNALE."
"THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF COMPANY'S MANAGEMENT SYSTEM AFTER THREE-YEARS"

TUV Italia • Gruppo TÜV SÜD • Via Carducci 125, Pal. 23 • 20099 Sesto San Giovanni (MI) • Italia • www.tuvsud.com/it



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FEMAC

THIS IS
WHO WE ARE.
THIS IS **FEMAC.**

YESTERDAY'S **KNOW-HOW,**
TODAY'S **DETERMINATION,**
TOMORROW'S **INNOVATION.**

A company with fresh ideas and determination combined with experience acquired over decades in the field of robotic welding and precision mechanics. Femac: a family business with solid roots thanks to Emilio Fratini, founder since 1978.

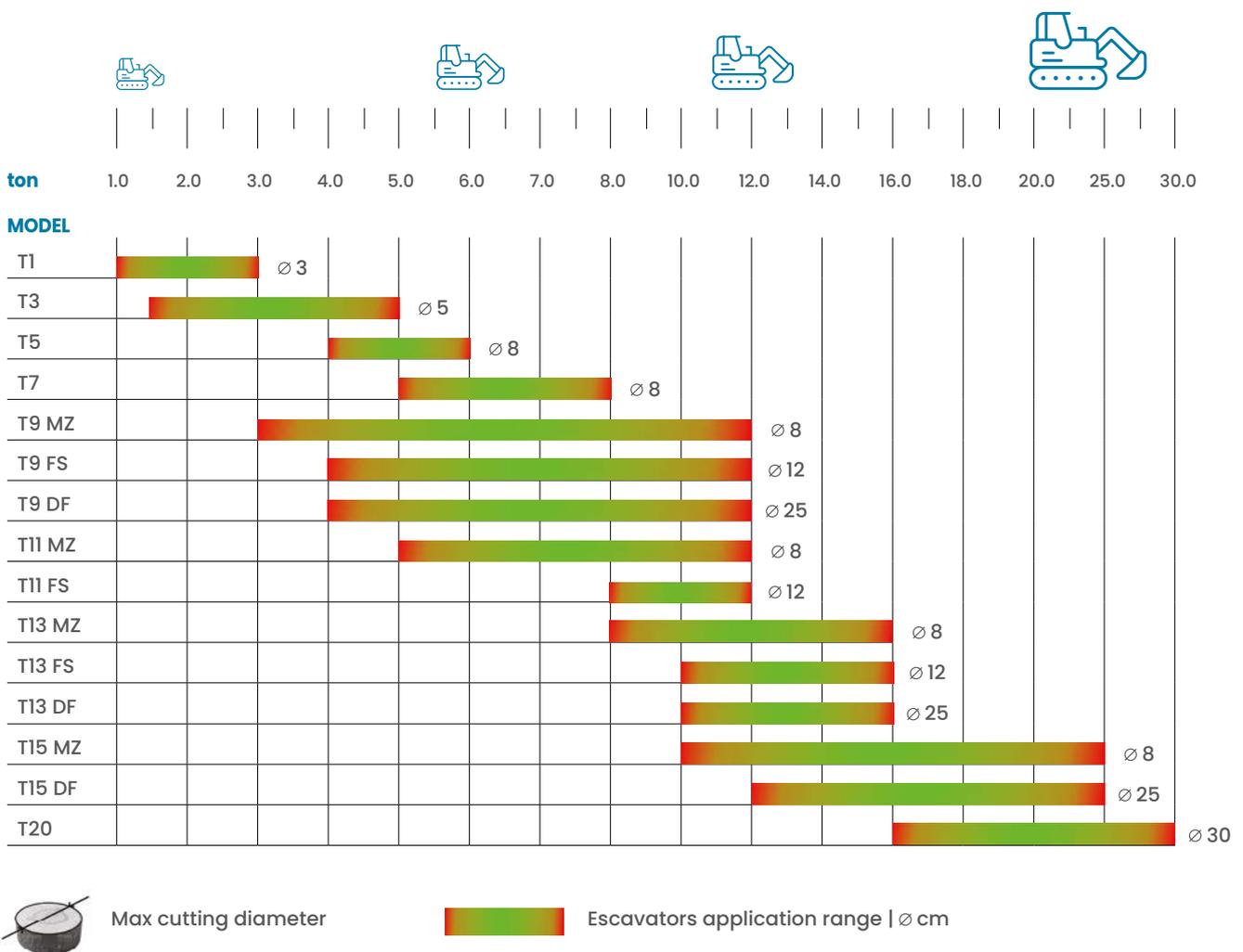
A constantly growing company, proposing a wide range of products, all made in Italy: from hydraulic mulchers and backhoes to ever evolving hedge mowers.

We are a team of highly skilled artisans. We strive everyday with tenacity and commitment to keep up with an ever growing market. We have the restlessness and technological determination of a company that thinks big.

We use research and inspiration to build upon our made in Italy craftsmanship.

HYDRAULIC MULCHERS

Hydraulic mulcher choosing by two factors:
excavator weight and cutting dimensions



The set-up of the auxiliary hydraulic system on the excavator is of exclusive pertinence and responsibility of the client. Should the client wish, instead, to operate the FEMAC mulcher by means of the existing hydraulic system in the excavator (ex. for operating demolition hammers, pincers, etc.), he must be aware that the performance of the mulcher may result decreased, in particular when the excavator's arm, the cabin and/or the trucks/wheels are mowing as well. Note also that a pressure on the return line exceeding 15 bar would cause the leakage of the seal of the hydraulic motor with consequent loss of oil.

HYDRAULIC MULCHERS REQUEST FORM

• Client: _____

Date: _____

• Excavator model: _____

Otherwise, indicate the dimension of the excavator or the displacement of the motor.

• Mulcher model: _____

• Type of rotor: _____

Please indicate the pricelist code of the required cutting tool. Otherwise the rotor will be equipped with the standard tool.

• Accessories: _____

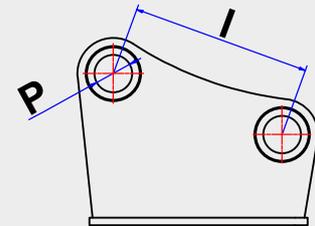
Indicate the accessories in the pricelist.

• Excavator coupler, indicate the type:

Femac standard coupler

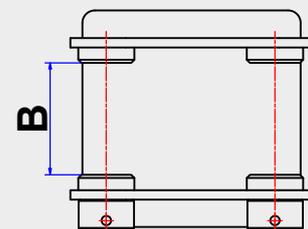
Coupler with pins

P | Diameter **B** | Spread **I** | Pin Centres



Quick coupler with pins (add kit pins accessory)

P | Diameter **B** | Spread **I** | Pin Centres



Quick coupler

Manufacturer Model

• Excavator with drain line:

YES NO

FEMAC 



HYDRAULIC **MULCHERS**

EQUIPMENT FOR HYDRAULIC MULCHERS



Gear motor

Italian-made hydraulic motor with reinforced oil seals for high pressures.

Pins kit

Custom made for mounting hitch.

Quick hitch

Available with interface plates for the most common quick hitch models on the market.

Hoses Kit

Hydraulic delivery and return hoses to connect the flail mower to the auxiliary hydraulic line on the excavator's second boom.

Mounting hitch (pins version)



Made to our standard design to fit the required measurements, does not include pins.

Automatic variable displacement piston motor



Allows superior performance by automatically increasing its displacement according to the work load.

Valves block



Aluminum milled billet body that houses 3 hydraulic valves. Priority valve to regulate the oil flow rate, anticavitation valve to protect the engine by maintaining sufficient oil flow at its inlet at all times, and relief valve with anti-shock function. The valve block also has a connection for the engine drain line.

It is still recommended to use, when present, the excavator's prearranged drain line, which should always be set in hammer mode (not pliers) to have the free-drain return line to the tank.

Chain protection



Provides better protection and durability, replaces the standard rubber guard.

Hydraulic hood opening



Actuated by hydraulic cylinder, it allows the opening of the guard to be adjusted without getting off the vehicle.

Feeler roller



Adjustable to predefined heights, allows working close to the ground and protects the rotor from ground unevenness. Recommended for flat terrain, with horizontal mulcher working position. Not recommended for REV versions, it may limit productivity.

Electrovalve for hydraulic hood

Allows the opening of the hydraulic hood to be controlled through an electric control of the excavator, without having to use additional hydraulic lines.

Self-levelling support



Keeps the mulcher parallel to the ground, allows the header to better follow the unevenness of the terrain and absorbs shocks and vibrations. Recommended for flat terrain, where the mulcher is in contact with the ground.

Hydraulic rotation device



Allows rotation of the flail head 180° on its vertical axis, expanding flexibility of maneuvering while working. Cannot be mounted in conjunction with the self levelling support.

T1 REV

For excavators 1.0-3.0 ton



MZ



HF1
Ø max 3 cm
**STANDARD
EQUIPMENT**



KF1
Ø max 2 cm

		T1 60 REV	T1 80 REV
	ton	1.0-3.0	2.0-3.0
	cm/inch	60 24	80 32
	cm/inch	85x50x35 34x20x14	100x50x35 40x20x14
	kg/lbs	70 154	80 176
	cc	8-11	8-11
	oil - L/min (gal/min)	20-30 6-8	20-30 6-8
	bar/psi (min-max)	170-220 2.500-3.200	170-220 2.500-3.200
	transmission	direct	direct
	rotor diameter cm/inch	30 12	30 12
		12	14

Technical features and standard equipment

- Direct transmission
- Internally reinforced with double metal sheet
- Shearing symmetric head, for a faster cut with the rotation of the excavator
- Input and output mouths completely identical
- Protective cover for motor
- Helicoidal rotor with austempered hammers or blade interchangeable
- Inside rotor supports with "labyrinth" for the protection of the bearings from the impurities
- Double row spherical adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Gear motor
- Accident prevention rubber protections according to EC directives

Accessories

- Mounting hitch (pins version)
- Pins kit
- Quick hitch
- Hoses kit Lg. 2 meters
- Front, back chain protection
- Feeler roller
- Self-levelling support (+30kg)
- Valves block deduction, only anticavitation

Hydraulic motor range

	ton	1.0-2.0	2.0-3.0
	CC	8	11
	oil - L/min gal/min	20 6	30 8

T3

For excavators 1.5-5.0 ton



MZ



HF2
Ø max 5 cm
**STANDARD
EQUIPMENT**



HC1
Ø max 4 cm



KC1
Ø max 3 cm

		T370	T390
	ton	1.5-5.0	2.5-5.0
	cm/inch	70 28	90 36
	cm/inch	95x55x45 38x22x18	115x55x45 46x22x18
	kg/lbs	130 287	150 331
	cc	8-11-16	11-16
	oil - L/min (gal/min)	20-30 6-8	30-40 8-11
	bar/psi (min-max)	170-220 2.500-3.200	170-220 2.500-3.200
	transmission	direct	direct
	rotor diameter cm/inch	38 15	38 15
		10	14

Technical features and standard equipment

- Direct transmission
- Internally reinforced with double metal sheet
- Feeler roller adjustable on 3 positions to change the height of the cut
- Helicoidal rotor with austempered hammers or blade interchangeable
- Protective cover for motor
- Inside rotor supports with labyrinth for the protection of the bearings from the impurities
- Double row spherical adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Gear motor
- Accident prevention rubber protections according to EC directives

Accessories

- Mounting hitch (pins version)
- Pins kit
- Quick hitch
- Hoses kit Lg. 2 meters
- Front and back chain protection
- Self-levelling support (+30kg)
- Valves block deduction, only anticavitation

Hydraulic motor range

	ton	1.5-2	2-3.5	3.5-5
	CC	8	11	16
	oil - L/min gal/min	20 6	30 8	40 11

T5

For excavators 4.0-6.0 ton



MZ



HF2
Ø max 5 cm
**STANDARD
EQUIPMENT**



HC1
Ø max 4 cm



KC1
Ø max 3 cm

T5

	ton	4.0-6.0
	cm/inch	105 42
	cm/inch	130x60x40 52-24-16
	kg/lbs	190 419
	cc	16
	oil - L/min (gal/min)	40-11
	bar/psi (min-max)	170-220 2.500-3.200
	transmission	direct
	rotor diameter cm/inch	38 15
		16

Technical features and standard equipment

- Direct transmission
- Internally reinforced with double metal sheet
- Feeler roller adjustable on 3 positions to change the height of the cut
- Helicoidal rotor with austempered hammers or blade interchangeable
- Protective cover for motor
- Inside rotor supports with labyrinth for the protection of the bearings from the impurities
- Double row spherical adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Gear motor
- Accident prevention rubber protections according to EC directives

Accessories

- Mounting hitch (pins version)
- Pins kit
- Quick hitch
- Hoses kit Lg. 2 meters
- Front chain protection
- Self-levelling support (+40kg)
- Valves block deduction, only anticavitation
- Cast iron gear motor group 3 instead of group 2

Hydraulic motor range

	ton	4-6
	CC	16
	oil - L/min gal/min	40 11

Cast iron hydraulic gear motor range

	ton	6-7	7-8	8-9
	CC	22	27	34
	oil - L/min gal/min	60 16	70 19	80 22

T7

For excavators 5.0–8.0 ton



MZ



HF3
Ø max 8 cm
**STANDARD
EQUIPMENT**



KF3
Ø max 6 cm

		T7105	T7125
	ton	5.0-8.0	6.0-8.0
	cm/inch	105 42	125 50
	cm/inch	125x75x50 50x30x20	145x75x50 58x30x20
	kg/lbs	220 485	250 551
	cc	22-27-34	22-27-34
	oil - L/min (gal/min)	60-70-80 16-19-22	60-70-80 16-19-22
	bar/psi (min-max)	200-220 2.900-3.200	200-220 2.900-3.200
	transmission	direct	direct
	rotor diameter cm/inch	36 14	36 14
		16	20

Technical features and standard equipment

- Direct transmission
- Internally reinforced with double metal sheet
- Feeler roller adjustable on 3 positions to change the height of the cut
- Helicoidal rotor with austempered hammers or blade interchangeable
- Protective cover for motor
- Inside rotor supports with labyrinth for the protection of the bearings from the impurities
- Double row spherical adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention rubber protections according to EC directives

Accessories

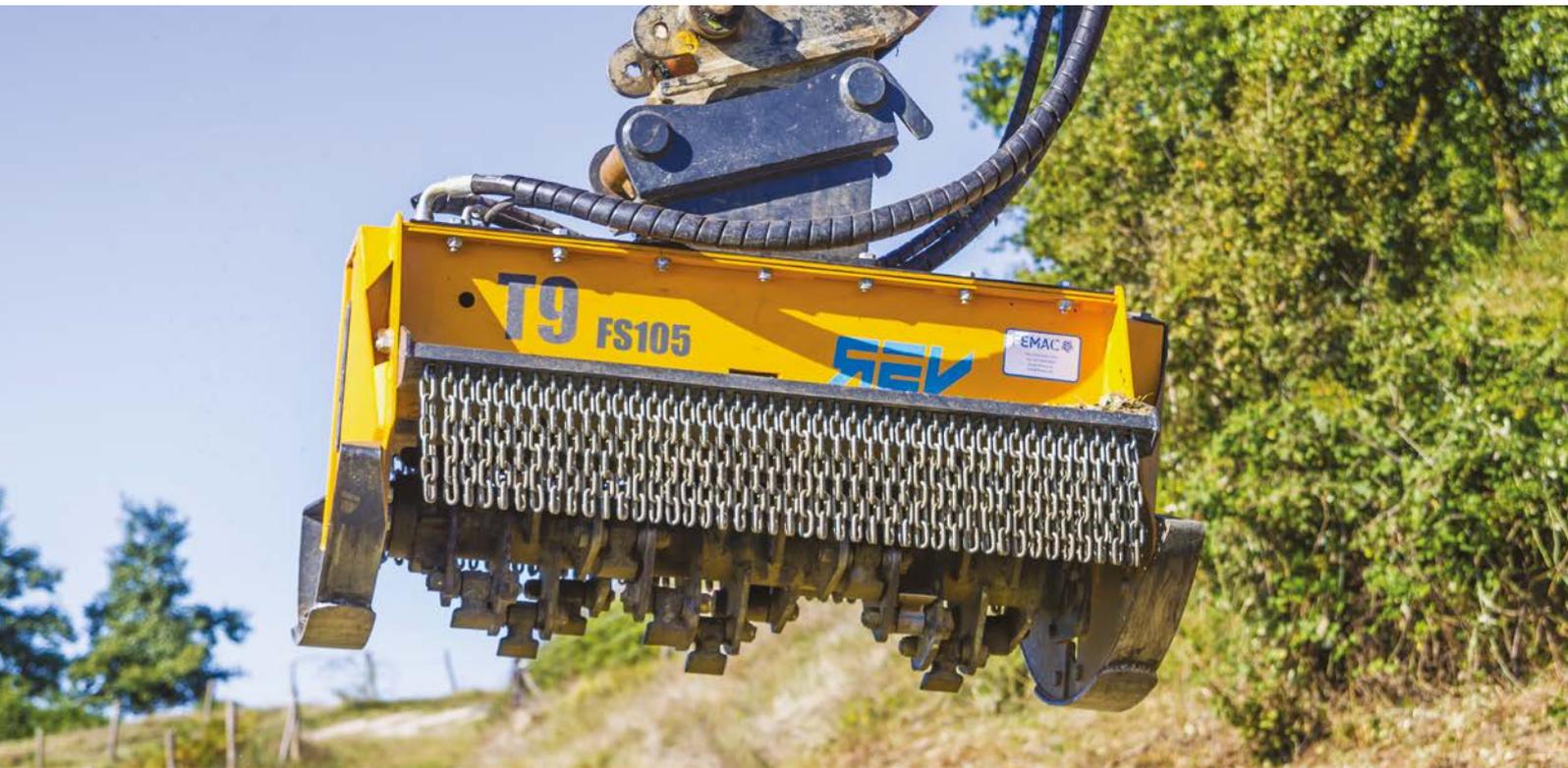
- Mounting hitch (pins version)
- Pins kit
- Quick hitch
- Hoses kit Lg. 2 meters
- Self-levelling support (+40kg)
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation

Cast iron hydraulic gear motor range

	ton	5-7	7-8	8-9
	cc	22	27	34
	oil - L/min gal/min	60 16	70 19	80 22

T9 REV

For excavators 4.0-12.0 ton



MZ



FS



DF



HF3
Ø max 8 cm
STANDARD
EQUIPMENT



HF17
Ø max 12 cm
STANDARD
EQUIPMENT



HF14
Ø max 25 cm
STANDARD
EQUIPMENT



KF3
Ø max 6 cm



HF15
Ø max 20 cm

		T9 MZ70	T9 MZ90	T9 MZ105	T9 FS70	T9 FS90	T9 FS105	T9 DF70	T9 DF90	T9 DF105
ton		4.0-8.0	4.0-8.0	6.0-10.0	5.0-8.0	6.0-8.0	6.0-12.0	5.0-12.0	6.0-12.0	6.0-12.0
cm/inch		70 28	90 36	105 42	70 28	90 36	105 42	70 28	90 36	105 42
cm/inch		85x80x60 34x22x24	105x80x60 42x32x24	125x80x60 50x32x24	85x80x60 34x22x24	105x80x60 42x32x24	125x80x60 50x32x24	85x80x60 34x22x24	105x80x60 42x32x24	125x80x60 50x32x24
kg/lbs		180 397	260 573	310 683	290 640	360 792	400 882	340 750	400 882	490 1.080
cc		16	22-27-34	22-27-34- 43-51	22-27-34- 43-51	22-27-34- 43-51	27-34- 43-51	22-27-34- 43-51	27-34- 43-51	27-34- 43-51
oil - L/min (gal/min)		30 8	40-50-60 11-14-16	40-50-60 80-100 11-14-16- 22-28	40-50-60- 80-100 11-14-16- 22-28	40-50-60- 80-100 11-14-16- 22-28	50-60- 80-100 14-16- 22-28	40-50-60- 80-100 11-14-16- 22-28	50-60- 80-100 14-16-22- 28	50-60- 80-100 14-16-22- 28
bar/psi (min-max)		170-220 2.500-3.200	170-220 2.500-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
transmission		3	3	3	3	3	3	3	3	3
rotor diameter cm/inch		36 14	36 14	36 14	40 16	40 16	40 16	37 14,5	37 14,5	37 14,5
		10	14	16	12	18	22	21	24	30

Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Helical forestal rotor with 360° rotating hammers
- DF Forestal rotor, fixed teeth
- Toothed high-performance V-belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Symmetric shearing head, for a faster cut with the rotation of the excavator
- Input and output mouths completely identical, adjustable
- Adjustable hood, fully openable for higher cutting capacity
- Side skids adjustable on 3 positions to change the height of the cut
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row roller adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention chains protections according to EC directives

Accessories

- Mounting hitch (pins version) 1.2-4.0 ton
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1-8.0
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Hoses kit Lg. 2 meters
- Feeler roller
- Self-levelling support (+40 kg)
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation
- Variable displacement piston motor (manual adjustment)

Cast iron hydraulic gear motor range

		3.0-4.0	4.0-6.0	6.0-7.0	7.0-8.0	8.0-10.0	10.0-12.0
ton							
CC		16	22	27	34	43	51
oil - L/min gal/min		30 8	40 11	50 14	60 16	80 22	100 28

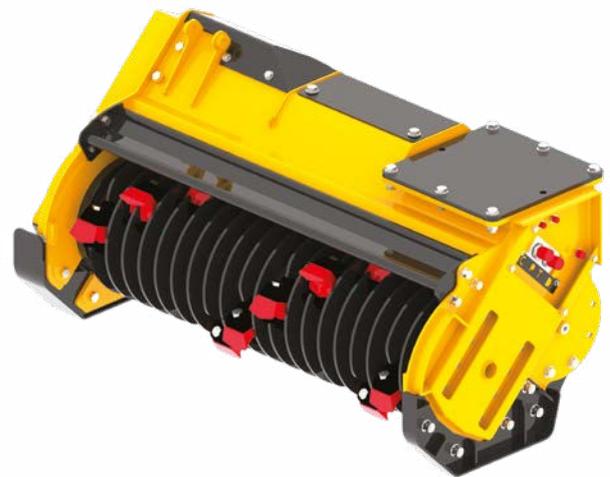
Variable displacement piston motor (accessory)

		8.0-12.0
ton		
CC		32/64
oil - L/min gal/min		60/120 16/32

T9 US

For excavators 4.0-12.0 ton

	T9US MZ70	T9US MZ90	T9US MZ110	T9US FS70	T9US FS90	T9US FS110
 ton	4.0-8.0	4.0-8.0	6.0-10.0	5.0-8.0	6.0-8.0	6.0-12.0
 cm/inch	70 28	90 36	110 43	70 28	90 36	110 43
 cm/inch	85x65x64 33x25x25	105x65x64 41x25x25	124x65x64 49x25x25	85x65x64 33x25x25	105x65x64 41x25x25	124x65x64 49x25x25
 kg/lbs	235 518	275 606	330 728	265 584	325 717	380 838
 cc	16	22-27-34	22-27-34-43-51	22-27-34-43-51	22-27-34-43-51	27-34-43-51
 oil - L/min (gal/min)	30 8	40-50-60 11-14-16	40-50-60 80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28
 bar/psi (min-max)	170-220 2.500-3.200	170-220 2.500-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
 transmission	3	3	3	3	3	3
 rotor diameter cm/inch	36 14	36 14	36 14	40 16	40 16	40 16
	10	14	16	12	18	22



MZ



FS



DF



DFD



HF3
Ø max 8 cm
STANDARD EQUIPMENT



HF17
Ø max 12 cm
STANDARD EQUIPMENT



HF14
Ø max 25 cm
STANDARD EQUIPMENT



HF22
Ø max 20 cm
STANDARD EQUIPMENT



KF3
Ø max 6 cm



HF15
Ø max 20 cm

T9US DF70	T9US DF90	T9US DF110	T9US DFD70	T9US DFD90	T9US DFD110
5.0-12.0	6.0-12.0	6.0-12.0	5.0-12.0	6.0-12.0	6.0-12.0
70 28	90 36	110 43	70 28	90 36	110 43
85x65x64 33x25x25	105x65x64 41x25x25	124x65x64 49x25x25	85x65x64 33x25x25	105x65x64 41x25x25	124x65x64 49x25x25
315 695	365 805	430 948	345 761	400 882	470 1036
22-27-34-43-51	27-34-43-51	27-34-43-51	22-27-34-43-51	27-34-43-51	27-34-43-51
40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28
200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
3	3	3	3	3	3
37 14,5	37 14,5	37 14,5	38 15	38 15	38 15
21	24	30	14	18	22

Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Helical forestal rotor with 360° rotating hammers
- DF Forestal rotor, fixed teeth
- DFD Rotor, double edge fixed teeth with bite limiter
- Toothed high-performance V-belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Front hood delete. Fully unrestricted rotor for increased cutting capacity
- Mechanically adjustable rear hood
- Reinforced side skids
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row roller adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor

Accessories

- Mounting hitch (pins version) 1.2-4.0 ton
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1-8.0
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Hoses kit Lg. 2 meters
- Self-levelling support (+40 kg)
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation
- Variable displacement piston motor (manual adjustment)
- MT version
- Mini track loader hitch

Cast iron hydraulic gear motor range

ton	4.0-6.0	6.0-7.0	7.0-8.0	8.0-10.0	10.0-12.0
CC	22	27	34	43	51
oil - L/min gal/min	40 11	50 14	60 16	80 22	100 28

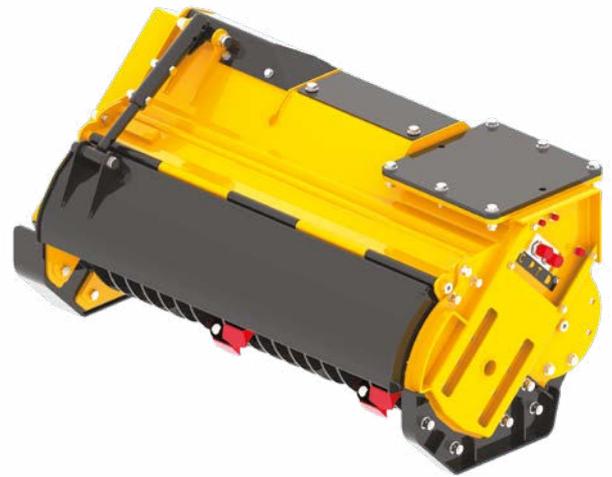
Variable displacement piston motor (accessory)

ton	8.0-12.0
CC	32/64
oil - L/min gal/min	60/120 16/32

T9 EU

For excavators 4.0-12.0 ton

		T9EU MZ70	T9EU MZ90	T9EU MZ110	T9EU FS70	T9EU FS90	T9EU FS110
 ton		4.0-8.0	4.0-8.0	6.0-10.0	5.0-8.0	6.0-8.0	6.0-12.0
 cm/inch		70 28	90 36	110 43	70 28	90 36	110 43
 cm/inch		85x67x64 33x26x25	105x67x64 41x26x25	124x67x64 49x26x25	85x67x64 33x26x25	105x67x64 41x26x25	124x67x64 49x26x25
 kg/lbs		250 551	290 639	350 772	280 617	340 750	400 882
 cc		16	22-27-34	22-27-34-43-51	22-27-34-43-51	22-27-34-43-51	27-34-43-51
 oil - L/min (gal/min)		30 8	40-50-60 11-14-16	40-50-60 80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28
 bar/psi (min-max)		170-220 2.500-3.200	170-220 2.500-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
 transmission		3	3	3	3	3	3
 rotor diameter cm/inch		36 14	36 14	36 14	40 16	40 16	40 16
		10	14	16	12	18	22



MZ



FS



DF



DFD



HF3
Ø max 8 cm
STANDARD EQUIPMENT



HF17
Ø max 12 cm
STANDARD EQUIPMENT



HF14
Ø max 25 cm
STANDARD EQUIPMENT



HF22
Ø max 20 cm
STANDARD EQUIPMENT



KF3
Ø max 6 cm



HF15
Ø max 20 cm

T9EU DF70	T9EU DF90	T9EU DF110	T9EU DFD70	T9EU DFD90	T9EU DFD110
5.0-12.0	6.0-12.0	6.0-12.0	5.0-12.0	6.0-12.0	6.0-12.0
70 28	90 36	110 43	70 28	90 36	110 43
85x67x64 33x26x25	105x67x64 41x26x25	124x67x64 49x26x25	85x67x64 33x26x25	105x67x64 41x26x25	124x67x64 49x26x25
330 728	380 838	450 992	360 794	415 915	490 1080
22-27-34-43-51	27-34-43-51	27-34-43-51	22-27-34-43-51	27-34-43-51	27-34-43-51
40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28	40-50-60-80-100 11-14-16-22-28	50-60-80-100 14-16-22-28	50-60-80-100 14-16-22-28
200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
3	3	3	3	3	3
37 14,5	37 14,5	37 14,5	38 15	38 15	38 15
21	24	30	14	18	22

Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Helical forestal rotor with 360° rotating hammers
- DF Forestal rotor, fixed teeth
- DFD Rotor, double edge fixed teeth with bite limiter
- Toothed high-performance V-belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Adjustable front hood, fully openable for higher cutting capacity
- Mechanically adjustable rear hood
- Reinforced side skids
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row roller adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor

Accessories

- Mounting hitch (pins version) 1.2-4.0 ton
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1-8.0 ton
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0 ton
- Hoses kit Lg. 2 meters
- Self-levelling support (+40 kg)
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation
- Variable displacement piston motor (manual adjustment)
- MT version
- Mini track loader hitch
- Hydraulic hood
- Electrovalve for hydraulic hood

Cast iron hydraulic gear motor range

	ton	4.0-6.0	6.0-7.0	7.0-8.0	8.0-10.0	10.0-12.0
CC	22	27	34	43	51	
oil - L/min gal/min	40 11	50 14	60 16	80 22	100 28	

Variable displacement piston motor (accessory)

	ton	8.0-12.0
CC	32/64	
oil - L/min gal/min	60/120 16/32	

T9US/T9EU MT

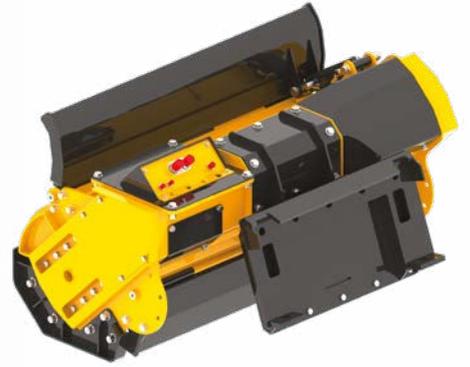
For Mini Track Loaders



T9US MT



T9EU MT



T9EU MT
Rear view

		T9US 90 MT / T9EU 90 MT	T9US 110 MT / T9EU 110 MT
	cm/inch	90 36	110 43
	cm/inch	105x81x64 41x32x25	124x81x64 49x32x25
	kg/lbs	+40 +88	+40 +88

This version features a dedicated kit that allows the T9US and T9EU hydraulic excavator mulchers to be mounted on mini track loaders, replacing only a few components without having to change the machine. The choice of rotors and accessories remains unchanged from the original models. Available for 90 (36") and 110 cm (43") width sizes.



T9 FR105

REV

FEMAC



MZ



FS



HF6
Ø max 8 cm
STANDARD EQUIPMENT



HF19
Ø max 12 cm
STANDARD EQUIPMENT



KF7
Ø max 6 cm

		T11 MZ130	T11 MZ160	T11 FS130
	ton	6.0-12.0	10.0-12.0	8.0-12.0
	cm/inch	130 52	160 63	130 52
	cm/inch	145x90x60 58x36x24	185x100x70 73x40x28	145x90x60 58x36x24
	kg/lbs	345 761	420 926	440 882
	cc	34-43-51	43-51	43-51
	oil - L/min (gal/min)	60-80-100 16-22-28	80-100 22-28	80-100 22-28
	bar/psi (min-max)	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
	transmission	1 (50 mm)	1 (55 mm)	1 (50 mm)
	rotor diameter cm/inch	46 18	46 18	46 18
		20	20	18

Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Forestal flanged rotor with 360° rotating hammer
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Strong hood with double sheet, removable for inspection
- Side skids adjustable on 3 positions to change the height of the cut (only on T11 MZ/FS 130)
- Feeler roller adjustable on 3 positions to change the height of the cut (T11 MZ 160 standard equipment, T11 MZ/FS 130 accessory in replacement of side skids)
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row spherical or rollers adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention chains protections according to EC directives

Accessories

- Mounting hitch (pins version) 4.1-8.0 ton
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1-8.0
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Mounting hitch (pins version) 12,1-16,0 ton
- Pins kit 12,1-16,0 ton
- Hoses kit Lg. 2,5 meters or Lg. on request
- Hoses kit Lg. 2,5 meters for piston motor
- Feeler roller, T11 130, no side skids
- Self-levelling support (+40kg), T11 130
- Self-levelling support (+60kg), T11 160
- Hydraulic front hood
- Piston motor (no valves block)
- Valves block 1" for piston motor
- Hydraulic rotation device (not self-levelling support)
- Valves block deduction, only anticavitation

Cast iron hydraulic gear motor range

		6.0-8.0	8.0-10.0	10.0-12.0
	ton			
	CC	34	43	51
	oil - L/min gal/min	60 16	80 22	100 28

Piston motor (accessory)

		8.0-11.0	11.0-12.0
	ton		
	CC	45	63
	oil - L/min gal/min	90 24	120 32

T13

For excavators 8.0-16.0 ton



MZ



FS



DF



HF6
Ø max 8 cm
**STANDARD
EQUIPMENT**



HF19
Ø max 12 cm
**STANDARD
EQUIPMENT**



HF14
Ø max 25 cm
**STANDARD
EQUIPMENT**



KF7
Ø max 6 cm



HF15
Ø max 20 cm

		T13 MZ105	T13 MZ130	T13 FS105	T13 FS130	T13 DF105	T13 DF130
ton		8.0-16.0	8.0-16.0	10.0-16.0	10.0-16.0	10.0-16.0	10.0-16.0
cm/inch		105 42	130 52	105 42	130 52	105 42	130 52
cm/inch		125x95x85 50x38x34	145x95x85 58x38x34	125x95x85 50x38x34	145x95x85 58x38x34	125x95x85 50x38x34	145x95x85 58x38x34
kg/lbs		480 1.058	540 1.190	580 1.279	650 1.433	685 1.510	745 1.614
cc		43-51	43-51	43-51	43-51	43-51	43-51
oil - L/min (gal/min)		80-100 22-28	80-100 22-28	80-100 22-28	80-100 22-28	80-100 22-28	80-100 22-28
bar/psi (min-max)		200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
transmission		1 (50 mm)					
rotor diameter cm/inch		46 18	46 18	46 18	46 18	41 16	41 16
		16	20	14	18	30	36

Technical features and standard equipment

- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FS Forestal flanged rotor with 360° rotating hammer
- DF Forestal rotor fixed teeth
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Symmetric shearing head, for faster cut with the rotation of the excavator
- Input and output mouths completely identical
- Mechanically adjustable hood, fully openable for higher cutting capacity
- Side skids adjustable on 3 positions to change the height of the cut
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Double Row spherical or rollers adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention chains protections according to EC directives

Accessories

- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Mounting hitch (pins version) 12,1-16,0 ton
- Pins kit 12,1-16,0 ton
- Hoses kit Lg. 2,5 meters or Lg. on request
- Hoses kit Lg. 2,5 meters for piston motor
- Feeler roller
- Self-levelling support (+60kg)
- Piston motor (no valves block)
- Valves block 1" for piston motor
- Hydraulic rotation device (no self-levelling support)
- Valves block deduction, only anticavitation

Cast iron hydraulic gear motor range

ton		8.0-10.0	10.0-12.0
cc		43	51
oil - L/min gal/min		80 22	100 28

Piston motor (accessory)

ton		8.0-11.0	11.0-13.0	13.0-16.0
cc		45	63	80
oil - L/min gal/min		90 24	120 32	150 40
bar/psi (min-max)		200-300 2.900-4.350	200-300 2.900-4.350	200-300 2.900-4.350

T15

For excavators 10.0–25.0 ton



MZ



FR



DF



HF6
Ø max 8 cm
STANDARD EQUIPMENT



HF11 (FR130)
HF13 (FR160)
Ø max 25 cm
STANDARD EQUIPMENT



HF14
Ø max 25 cm
STANDARD EQUIPMENT



KF7
Ø max 6 cm



HF10 (FR130)
HF12 (FR160)
Ø max 25 cm



HF15
Ø max 20 cm

		T15 MZ130	T15 MZ160	T15 FR130	T15 FR160	T15 DF130	T15 DF160
ton		10.0 - 25.0	12.0-25.0	12.0-25-0	15.0-25.0	12.0-25.0	16.0-25.0
cm/inch		130 52	160 63	130 52	160 63	130 52	160 63
cm/inch		160x80x85 63x32x34	190x80x85 75x32x34	160x80x85 63x32x34	190x80x85 75x32x34	160x80x85 63x32x34	190x80x85 75x32x34
kg/lbs		650 1.433	750 1.653	920 2.028	1.020 2.249	950 2.094	1.050 2.315
cc		32/64	32/64	32/64	32/64	32/64	32/64
oil - L/min (gal/min)		90-180 25-50	90-180 25-50	90-180 25-50	90-180 25-50	90-180 25-50	90-180 25-50
bar/psi (min-max)		200-250 2.900-3.600	200-250 2.900-3.600	200-250 2.900-3.600	200-250 2.900-3.600	200-250 2.900-3.600	200-250 2.900-3.600
transmission		1 (50 mm)					
rotor diameter cm/inch		46 18	46 18	41 16	41 16	41 16	41 16
		20	20	26	32	36	42

Technical features and standard equipment

- Piston motor variable displacement (manual adjustment)
- MZ Helicoidal Rotor with hammers austempered and cutting blade interchangeable
- FR Forestal with 360° rotating hammer
- DF Forestal rotor, fixed teeth
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Symmetric shearing head, for faster cut with rotation of the excavator
- Input and output mouths completely identical, adjustable
- Hydraulic frontal hood, fully openable for higher cutting capacity
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Accident prevention chains protections according to EC directives

Accessories

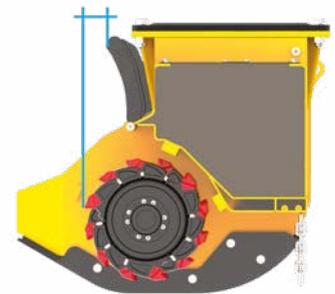
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1-12.0
- Mounting hitch (pins version) 12,1-16,0 ton
- Pins kit 12,1-16,0 ton
- Mounting hitch (pins version) 16,1-25,0 ton
- Pins kit 16,1-25,0 ton
- Hoses kit Lg. 2,5 meters
- Front hood mechanical opening
- Rear hood hydraulic opening (simultaneously to front hood)
- Electrovalve for hydraulic hood

T20

For excavators 16.0-30.0 ton



Forward rotor



DF



HF14
Ø max 30 cm
STANDARD
EQUIPMENT



HF15
Ø max 25 cm

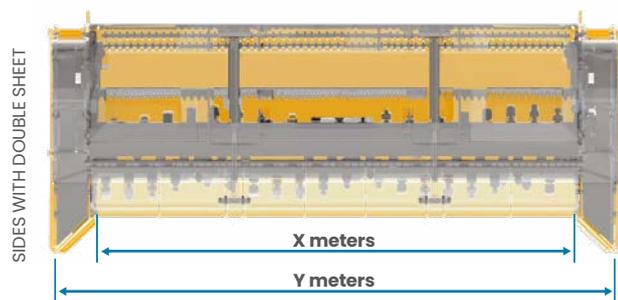
		T20 DF130	T20 DF160	T20 DF180
	ton	16.0-30.0	18.0-30.0	20.0-30.0
	cm/inch	130 52	160 63	180 71
	cm/inch	170x100x90 67x40x36	200x100x90 79x40x36	220x100x90 79x40x36
	kg/lbs	1.050 2.315	1.185 2.612	1.320 2.910
	cc	45-60-80	45-60-80	45-60-80
	oil - L/min (gal/min)	100-130-180 28-35-48	100-130-180 28-35-48	100-130-180 28-35-48
	bar/psi (min-max)	200-350 2.900-5.100	200-350 2.900-5.100	220-350 2.900-5.100
	transmission	1 (55 mm)	1 (55 mm)	1 (55 mm)
	rotor diameter cm/inch	41 16	41 16	41 16
		36	42	54

Technical features and standard equipment

- Piston motor
- DF Rotor with fixed teeth in wide or hardened blade
- Helicoidal rotor with 3 screws
- Forged and hardened counter-blades
- Very hard anti-wear frame
- Funnel-shaped frame for higher cutting capacity
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Hydraulic hoods, fully openable for higher cutting capacity
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Dual row protection chains
- Accident prevention chains protections according to EC directives

Funnel shaped

X	1.30	1.60	1.80
Y	1.60	1.90	2.10



Accessories

- Mounting hitch (pins version) 16,1-25,0 ton
- Pins kit 16,1-25,0 ton
- Hoses kit Lg. 2.5 meters
- Automatic variable displacement piston motor
- Electrovalve for hydraulic hood

Hydraulic piston motor range

	ton	16.0-18.0	18.0-25.0	25.0-30.0
	CC	45	60	80
	oil - L/min gal/min	100 28	130 35	180 48

Automatic variable displacement piston motor (accessory)

	ton	18.0-25.0
	CC	65/80
	oil - L/min gal/min	180 48

NEW ROTOR

DFX | FIXED TEETH

PATENTED

For excavators 16.0-30.0 ton



BITE LIMITER

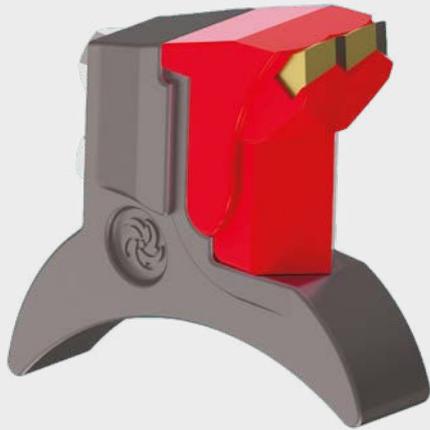
The new evolution of the hydraulic mulchers range.

The main innovation is at its heart, the brand new fixed teeth rotor with a tool and carrier system patented by FEMAC.

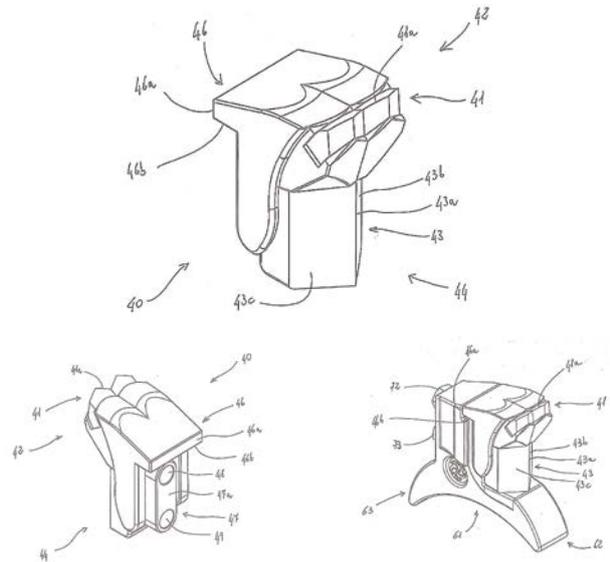


The new type of FEMAC fixed-tooth

introduces the double edge technology: the usual horizontal edge and an additional vertical edge.



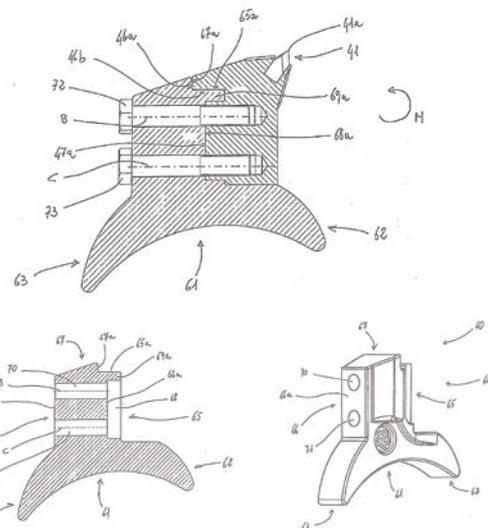
HF20



HF21

The new vertical edge

makes it easier to break the wooden material, especially if it's of great dimension. The double edge is implemented in both the tool types: double width insert or hammer.



The coupling system designed by FEMAC, using an interference and double screw mount, ensures an extreme resistance to external forces.

T21 DFX REV

For excavators 16.0-30.0 ton



DFX



HF20
Ø max 50 cm
**STANDARD
EQUIPMENT**



HF21
Ø max 35 cm

		T21 DFX130 REV	T21 DFX160 REV
	ton	16.0-30.0	18.0-30.0
	cm/inch	130 52	160 63
	cm/inch	170x87x106 67x35x42	190x87x106 75x35x42
	kg/lbs	1.300 2.866	1.400 3.087
	cc	45-60-80	45-60-80
	oil - L/min (gal/min)	100-130-180 27-35-48	100-130-180 27-35-48
	bar/psi (min-max)	200-350 2.900-5.100	200-350 2.900-5.100
	transmission	1 (55 mm)	1 (55 mm)
	rotor diameter cm/inch	50 20,5	50 20,5
		28	32

Technical features and standard equipment

- Piston motor
- DFX Rotor with fixed teeth in width or hardened blade, Femac patented
- Helicoidal rotor with 4 screws
- Forged and hardened counter-blades
- Very hard anti-wear frame
- Symmetric shearing head, for faster cut with the rotation of the excavator
- Input and output mouths completely identical, adjustable
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Hydraulic hoods, fully openable for higher cutting capacity
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Adjustable bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Accident prevention chains protections according to EC directives

Accessories

- Mounting hitch (pins version) 16,1-25,0 ton
- Pins kit 16.1-25.0 ton
- Hoses kit Lg. 2.5 meters
- Front hood mechanical opening
- Rear hood hydraulic opening (simultaneously to front hood)
- Elettrovalve for hydraulic hood
- Automatic variable displacement piston motor

Hydraulic piston motor range

	ton	16.0-18.0	18.0-25.0	25.0-30.0
	CC	45	60	80
	oil - L/min gal/min	100 28	130 35	180 48

S5

For skid steer loader 50-90 hp



MZ



HF16
Ø max 8 cm
**STANDARD
EQUIPMENT**



KF3
Ø max 6 cm

		S5 MZ160	S5 MZ180	S5 MZ200
	hp	50-90	50-90	50-90
	cm/inch	160 63	180 71	200 79
	cm/inch	182x120x110 72x48x44	202x120x110 80x48x44	222x120x110 87x48x44
	kg/lbs	890 1.962	930 2.050	970 2.138
	cc	27-34-43-51	27-34-43-51	27-34-43-51
	oil - L/min (gal/min)	60-70-90-100 16-22-24-28	60-70-90-100 16-22-24-28	60-70-90-100 16-22-24-28
	bar/psi (min-max)	200-220 2.900-3.200	200-220 2.900-3.200	200-220 2.900-3.200
	transmission	4	4	4
	rotor diameter cm/inch	55	55	55
		18	20	22

Technical features and standard equipment

- Floating self levelling universal hitch.
- MZ Helicoidal Rotor with austempered hammers and cutting blade interchangeable
- Mechanical side shift
- Toothed high-performance V-belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Bearings of 1st quality
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Cast iron gear motor
- Accident prevention protections according to EC directives

Accessories

- Price reduction for fixed type hitch
- Hydraulic side shift
- Diverter valve, to operate the hydraulic side shift
- Hoses kit Lg. 3 meters
- Variable displacement piston motor
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic loaders

Cast iron hydraulic gear motor range

	CC	27	34	43	51
	CC	27	34	43	51
	oil - L/min gal/min	60 16	70 18	90 24	100 28

Variable displacement piston motor (accessory)

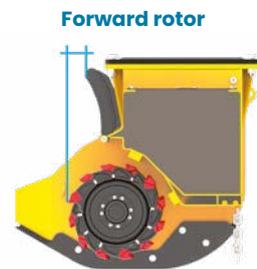
	CC	32/64
	CC	32/64
	oil - L/min gal/min	70-140 18-37
	bar/psi (min-max)	200-250 2.900-3.600

It's recommended to:

- Choose the width of the mulcher like the width of the skid steer loader bucket
- Fit pistons motor if the skid steer loader has HF (High Flow)

S10

For skid steer loader 70-120 hp



DF



HF14
Ø max 30 cm
**STANDARD
EQUIPMENT**



HF15
Ø max 25 cm

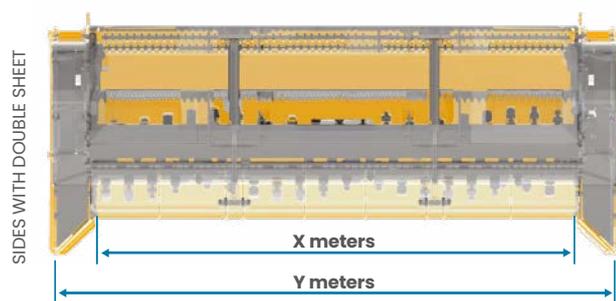
		S10 DF160	S10 DF180
	hp	70-120	70-120
	cm/inch	160 63	180 71
	cm/inch	200x100x160 79x40x63	220x100x160 87x40x63
	kg/lbs	1.285 2.833	1.420 3.131
	cc	45-60-80	45-60-80
	oil - L/min (gal/min)	100-130-180 28-35-48	100-130-180 28-35-48
	bar/psi (min-max)	200-350 2.900-5.100	200-350 2.900-5.100
	transmission	1 (55 mm)	1 (55 mm)
	rotor diameter cm/inch	41 16	41 16
		42	54

Technical features and standard equipment

- Piston motor
- Fixed universal hitch
- DF Rotor with fixed teeth in widia or hardened blade
- Helicoidal rotor with 3 screws
- Forged and hardened counter-blades
- Very hard anti-wear frame
- Funnel-shaped frame for higher cutting capacity
- Toothed high-performance belts transmission
- Internally reinforced double-case body with interspace
- Protective belts cover
- Hydraulic hoods, fully openable for higher cutting capacity
- Inside Rotor Supports with "labyrinth" for the protection of the bearings from the impurities
- Adjustable bearings of 1st quality
- Manometer for working pressure control
- Valves block complete with priority valve for adjusting oil flow, anti-shock valve (pressure relief valve), anti-cavitation
- Dual row protection chains for better protection
- Accident prevention chains protections according to EC directives
- Mechanical push frame

Funnel shaped

X	1.60	1.80
Y	1.90	2.10



Accessories

- Electrovalve for hydraulic hood
- Hoses kit Lg. 2,5 meters
- Automatic variable displacement piston motor

Hydraulic piston motor range

	CC	45	60	80
	oil - L/min gal/min	100 28	130 35	180 48

Automatic variable displacement piston motor (accessory)

	CC	65/80
	oil - L/min gal/min	180 48

FEMAC 



REAR
**HEDGE
MOWERS**

EQUIPMENT FOR REAR HEDGE MOWERS

Mechanical release



Safety shockproof mechanism that protects the boom in case of impact with obstacles.

Hydraulic release



Hydraulic safety rotation breakaway with anti-shock valve that protects the boom in case of impact with obstacles.

P version



Mechanism that allows flush wheel work with long extension machines, with excellent speed and agility of maneuver.

S version



Terminal with telescopic extension.



A version



Machine with advancing central boom, for perfect visibility during the work phase.

Self-levelling floating system

Operator-activated function to automatically keep the mulching head parallel to the ground.

Electric distributor with joystick

Boom movements are operated by joystick with on-off type electric control.

Proportional servo-assisted with joystick

The boom is operated by low-pressure hydraulic controls that allow proportional modulation of movements according to the tilt of the joystick.

Biaxial proportional distributor with joystick SAUER DANFOSS

Boom movements are controlled by an electric system with proportional compensated signal based on the tilt of the joystick. Allows up to 3 movements to be performed simultaneously.

Rear flail head hitch

Allows a greater angle of rotation of the flail head and puts it in a more forward position, improving working comfort.



Tie rods adapter

To be attached to the third point of the tractor, it has two forks suited to mount the tie rods to the rear hedge mower.

Trestle bracing + tie rods adapter



System for anchoring the tractor lift arms, increases the stability of the machine while working.

Blower

Attached to the frame of the machine allows the road surface to be cleared of mowing debris. It has to be connected to the hydraulic system of the tractor.

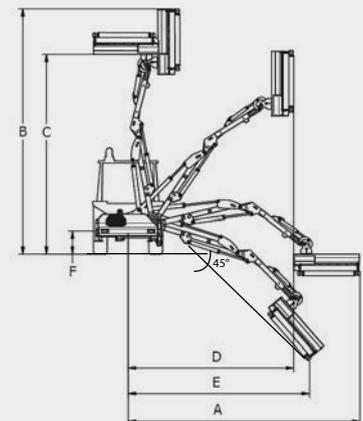
DOC 101

For tractors 20-40 hp (3 m / 3,8 m)

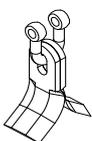


Hydraulic hedge mower with side shift and mechanical release safety device for tractors HP 20/40 and weight 1000/2500 kg, with small size in phase of closing and with the possibility of several solutions of attachment: rear right, rear left, front right, front left.

DOC 101	3.0	3.8
A mm	3.000	3.800
B mm	3.200	4.000
C mm	2.100	2.900
D mm	1.200	2.000
E mm	2.000	2.800
F mm	550	550



Rotor with shackle (exchangeable tools)



KC1
Ø max 3 cm
STANDARD EQUIPMENT



HC1
Ø max 4 cm



HF2
Ø max 5 cm



Tools n. 14 kits per rotor

Arm mower	DOC 101 3.0	DOC 101 3.8
Extension mm	3.000	3.800
Weight kg	400	440
Oil tank L	60	60
Head model	T3	T3
Pump l/min	40+15	40+15
Hydraulic Motor HP [kW]	20 (15)	20 (15)

Tractor

Power HP [kW]	20/30 (15/22)	30/40 (22/30)
3-point linkage Cat.	Cat. 1	Cat. 1
Weight kg	1.000	1.500
Width m	1,00	1,20
PTO rpm	540	540

Technical features and standard equipment

- Frame - 1st arm - 2nd arm in structural steel ST 52
- Three points hitch 1st category
- Oil tank 60 l
- Double gear pump group 2+2 - 40+15 l/min
- Bidirectional hydraulic motor HP 20 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC1
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Rear underrun protection with lights
- Flail head mm 900 MODEL T3 90 with direct transmission

Accessories on request

- Heat exchanger
- Electric distributor with joystick
- Electric command of the rotor
- Flail head mm 700 T3 70 - n. 10 kits of tools for rotor
- Tie rods adapter

Terminal tools

In replacement of the standard mulcher

p.82



HEDGE CUTTING BAR

BF15

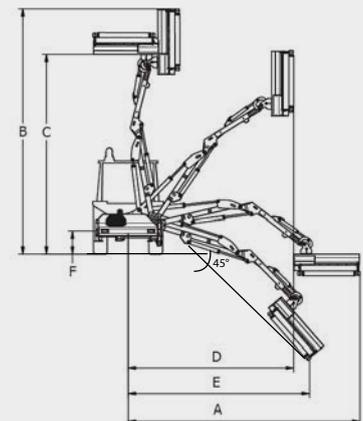
DOC 201

For tractors 50-70 hp (4,3 m/5,0 m)

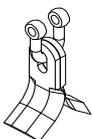


Hydraulic hedge mower with side shift and mechanical release safety device for tractors HP 50/70 and weight 2000/2500 kg, suitable for working on local and trunk roads and farms.

DOC 201	4.3	5.0
A mm	4.300	5.000
B mm	4.500	5.200
C mm	3.200	4.000
D mm	2.300	3.100
E mm	3.100	3.900
F mm	550	550



Rotor with shackle (exchangeable tools)



KC1
Ø max 3 cm
STANDARD EQUIPMENT



HC1
Ø max 4 cm



HF2
Ø max 5 cm



Tools n. 16 kits per rotor

Arm mower	DOC 201 4.3	DOC 201 5.0
Extension mm	4.300	5.000
Weight kg	650	685
Oil tank L	100	100
Head model	20.2	20.2
Pump l/min	60+15	60+15
Hydraulic Motor HP [kW]	35 (26)	35 (26)

Tractor

Power HP [kW]	50/70 (37/52)	50/70 (37/52)
3-point linkage Cat.	Cat. 1-2	Cat. 1-2
Weight kg	2.000	2.500
Width m	1,80	2
PTO rpm	540	540

Technical features and standard equipment

- Frame - 1st arm - 2nd arm in structural steel ST 52
- Three points hitch 2nd category
- Oil tank 100 l
- Double gear pump group 3+2 - 60+15 l/min
- Bidirectional hydraulic motor HP 42 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC1
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Rear underrun protection with lights
- Flail head mm 1050 MODEL 20.2 TTD 105 with direct transmission

Accessories on request

- Heat exchanger
- Electric distributor with joystick
- Electric command of the rotor
- Proportional power-assisted with joystick
- Tie rods adapter Cat. 2

Terminal tools

In replacement of the standard mulcher

p.76



MODEL
T3 90
T3 70

p.82



HEDGE CUTTING BAR
BF15

p.83



PRUNING SHEAR BAR
BTZ5 15
BTZ5 18
BTZ10 16

p.84



FOREST CUTTING DISC BAR
BD2

p.85



DITCH CLEANER
PF40

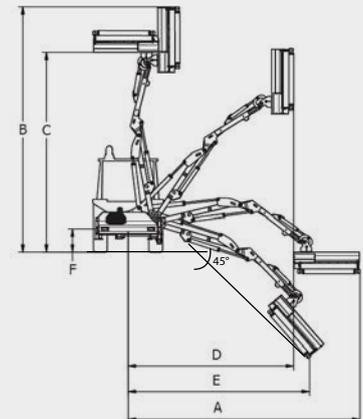
DOC 202

For tractors 50-70 hp (4,3 m / 5,0 m)

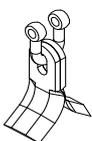


Hydraulic hedge mower with side shift and 90° rotating column with shock resistant hydraulic safety device for tractors HP 50/70 and weight 2400/2800 kg, suitable for working on local and trunk roads and farms.

DOC 202	4.3	5.0
A mm	4.300	5.000
B mm	4.500	5.200
C mm	3.400	4.200
D mm	2.500	3.300
E mm	3.300	4.100
F mm	550	550



Rotor with shackle (exchangeable tools)



KC1
Ø max 3 cm
STANDARD EQUIPMENT



HC1
Ø max 4 cm



HF2
Ø max 5 cm



Tools n. 16 kits per rotor

Arm mower	DOC 202 4.3	DOC 202 5.0
Extension E mm	4.300	5.000
Weight kg	730	760
Oil tank L	100	100
Head model	20.2	20.2
Pump l/min	60+15	60+15
Hydraulic Motor HP [kW]	35 (26)	35 (26)

Tractor

Power HP [kW]	50/70 (37/52)	50/70 (37/52)
3-point linkage Cat.	Cat. 1-2	Cat. 1-2
Weight kg	2.400	2.800
Width m	1,80	2
PTO rpm	540	540

Technical features and standard equipment

- Frame - 1st arm - 2nd arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2nd category
- Oil tank 100 l
- Double gear pump group 3+2 - 60+15 l/min
- Bidirectional hydraulic motor HP 35 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC1
- Rotor turning at 3000 rpm
- Fixing tie-rods - Cardan joint
- Rear underrun protection with lights
- Flail head mm 1050 MODEL 20.2 TTD 105 with direct transmission

Accessories on request

- Heat exchanger
- Electric distributor with joystick
- Electric command of the rotor
- Proportional power-assisted with joystick
- Tie rods adapter Cat. 2

Terminal tools

In replacement of the standard mulcher

p.76



MODEL
T3 90
T3 70

p.82



HEDGE CUTTING BAR
BF15

p.83



PRUNING SHEAR BAR
BTZ5 15
BTZ5 18
BTZ10 16

p.84



FOREST CUTTING DISC BAR
BD2

p.85



DITCH CLEANER
PF40

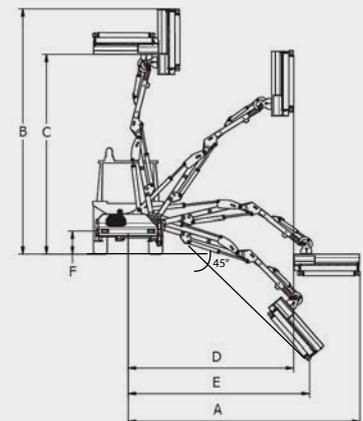
DOC 303

For tractors 70-90 hp (5 m / 5,7 m)

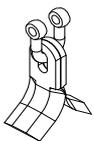


Hydraulic hedge mower with side shift and mechanical release safety device for tractors HP 70/90 and weight 3000/3500 kg, suitable for working on local and trunk roads and farms.

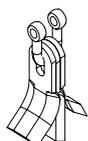
DOC 303	5.0	5.7
A mm	5.000	5.700
B mm	5.200	5.900
C mm	4.100	4.800
D mm	3.200	3.900
E mm	4.000	4.700
F mm	550	550



Rotor with shackle (exchangeable tools)



KC2
Ø max 2 cm
STANDARD EQUIPMENT



KC3
Ø max 2 cm



HC1
Ø max 4 cm

Rotor with bolt (exchangeable tools)



KF2
Ø max 3 cm



KF3
Ø max 3 cm



HF3
Ø max 6 cm



Tools n. 16 kits per rotor

Arm mower	DOC 303 5.0	DOC 303 5.7
Extension E mm	5.000	5.700
Weight kg	820	880
Oil tank L	150	150
Head model	30.3	30.3
Pump l/min	80+20	80+20
Hydraulic Motor HP [kW]	45 (33)	45 (33)

Tractor

Power HP [kW]	70/90 (51/6)	70/90 (51/6)
3-point linkage Cat.	Cat. 1-2	Cat. 1-2
Weight kg	3.000	3.500
Width m	2	2,2
PTO rpm	540	540

Technical features and standard equipment

- Frame - 1st arm - 2nd arm in structural steel ST 52
- Three points hitch 2nd category
- Oil tank 150 l
- Double gear pump group 3+2 - 80+20 l/min
- Bidirectional hydraulic motor HP 45 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200° with upper attachment
- Helicoidal rotor with jointed cut blade KC2
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Rear underrun protection with lights
- Flail head mm 1050 MODEL 30.3 TTD 105 with direct transmission

Accessories on request

- Nitrogen accumulator for 1st arm suspension
- Heat exchanger
- Electric distributor with joystick
- Electric command of the rotor
- Proportional power-assisted with joystick
- Rear flail head hitch
- Tie rods adapter Cat. 2
- Flail head mm 1250 - n. 20 kits of tools per rotor

Terminal tools

In replacement of the standard mulcher

p.82



HEDGE CUTTING BAR

BF15

p.83



PRUNING SHEAR BAR

BTZ5 15
BTZ5 18
BTZ10 16
BTZ10 19
BTZ10 22

p.84



FOREST CUTTING DISC BAR

BD2
BD3

p.85



DITCH CLEANER

PF60

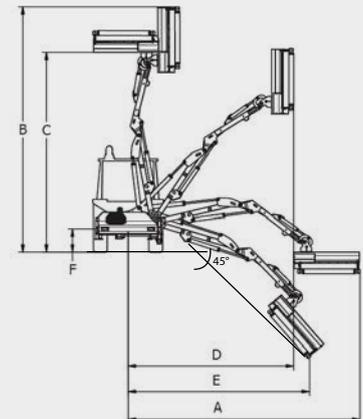
DOC 302

For tractors 80-130 hp (5,5 m / 6,0 m / 6,5 m)

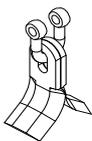


Hydraulic hedge mower with side shift and 90° rotating column with shock resistant hydraulic safety device for tractors HP 80/130 and weight 3500/4500 kg, suitable for working on local and trunk roads and farms.

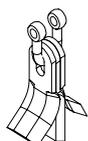
DOC 302	5.5	6.0	6.5	S
A mm	5.500	6.000	6.500	6.000
B mm	5.700	6.200	6.700	6.200
C mm	4.400	4.500	5.400	4.500
D mm	3.500	4.000	4.500	4.000
E mm	4.300	4.800	5.300	4.800
F mm	550	550	550	550



Rotor with shackle (exchangeable tools)



KC2
Ø max 2 cm
STANDARD EQUIPMENT



KC3
Ø max 2 cm



HC1
Ø max 4 cm

Rotor with bolt (exchangeable tools)



KF2
Ø max 3 cm



KF3
Ø max 3 cm



HF3
Ø max 6 cm



Tools n. 20 kits per rotor

Arm mower	DOC 302 5.5	DOC 302 6.0	DOC 302 6.5	DOC 302 S
Extension E mm	5.500	6.000	6.500	6.000
Weight kg	1.100	1.150	1.200	1.300
Oil tank L	160	160	160	160
Head model	30.3 TTD 125	30.3 TTD 125	30.3 TTD 125	30.3 TTD 125
Pump l/min	100+20	100+20	100+20	100+20
Hydraulic Motor HP [kW]	55 (40)	55 (40)	55 (40)	55 (40)

Tractor

Power HP [kW]	80/110 (60/82)	80/110 (60/82)	80/110 (60/82)	80/130 (60/95)
3-point linkage Cat.	Cat. 2	Cat. 2	Cat. 2	Cat. 2
Weight kg	3.500	4.000	4.500	4.500
Width m	2,4	2,4	2,4	2,4
PTO rpm	540	540	540	540

Technical features and standard equipment

- Frame - 1st arm - 2nd arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2nd category
- Oil tank 160 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200° with upper attachment
- Helicoidal rotor with jointed cut blade KC2
- Rotor turning at 3000 rpm
- Fixing tie-rods - Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1250 MODEL 30.3 TTD 125 with direct transmission

Accessories on request

- Nitrogen accumulator for 1st arm suspension
- Electric distributor with joystick
- Electric rotor commandr
- Proportional power-assisted with joystick
- Cast iron pump and motor
- Rear flail head hitch
- Tie rods adapter Cat. 2
- Flail head mm 1050 - n. 16 kit per rotor

Terminal tools

In replacement of the standard mulcher

p.77



MODEL

30.5 TTD 105 | 280 kg/lbs
30.5 TTD 130 | 320 kg/lbs

30.5 TTC 105 | 305 kg/lbs
30.5 TTC 130 | 345 kg/lbs

p.82



HEDGE CUTTING BAR

BF15

p.83



PRUNING SHEAR BAR

BTZ5 15
 BTZ5 18
 BTZ10 16
 BTZ10 19
 BTZ10 22

p.84



FOREST CUTTING DISC BAR

BD2
 BD3

p.85



DITCH CLEANER

PF60

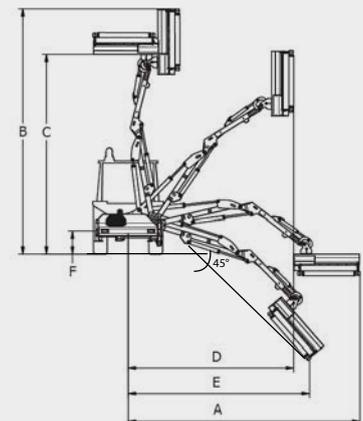
DOC 302P – 302PS

For tractors 80-130 hp (5,5 m/6,0 m)

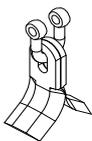


Hydraulic hedge mower with side shift and 100° rotating column with shock resistant hydraulic safety device for tractors HP 80/130 and weight 3500/4500 kg, suitable for working on local and trunk roads and farms.

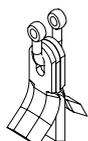
DOC 302	P	PS
A mm	5.500	6.000
B mm	5.700	6.200
C mm	4.600	4.700
D mm	3.700	4.200
E mm	4.500	5.000
F mm	550	550



Rotor with shackle (exchangeable tools)



KC2
Ø max 2 cm
STANDARD EQUIPMENT



KC3
Ø max 2 cm



HC1
Ø max 4 cm

Rotor with bolt (exchangeable tools)



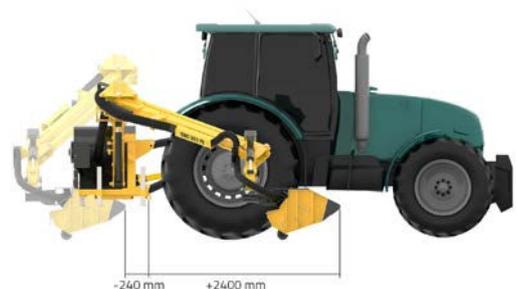
KF2
Ø max 3 cm



KF3
Ø max 3 cm



HF3
Ø max 6 cm



Tools n. 20 kits per rotor

Arm mower	DOC 302 P	DOC 302 PS
Extension E mm	5.500	6.000
Weight kg	1.250	1.300
Oil tank L	160	160
Head model	30.3 TTD 125	30.3 TTD 125
Pump l/min	100+20	100+20
Hydraulic Motor HP [kW]	55 (40)	55 (40)

Tractor

Power HP [kW]	80/130 (60/95)	80/130 (60/95)
3-point linkage Cat.	Cat. 2	Cat. 2
Weight kg	3.500	4.000
Width m	2,4	2,4
PTO rpm	540	540

Technical features and standard equipment

- Frame - 1st arm - 2nd arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2nd category
- Oil tank 160 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200° with upper attachment
- Helicoidal rotor with jointed cut blade KC2
- Rotor turning at 3000 rpm
- Fixing tie-rods - Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1250 MODEL 30.3 TTD 125 with direct transmission

Accessories on request

- Nitrogen accumulator for 1st arm suspension
- Electric distributor with joystick
- Electric rotor command
- Proportional power-assisted with joystick
- Cast iron pump and motor
- Rear flail head hitch
- Tie rods adapter Cat. 2
- Flail head mm 1050 - n. 16 kit per rotor

Terminal tools

In replacement of the standard mulcher

p.77



MODEL

30.5 TTD 105 | 280 kg/lbs
30.5 TTD 130 | 320 kg/lbs

30.5 TTC 105 | 305 kg/lbs
30.5 TTC 130 | 345 kg/lbs

p.82



HEDGE CUTTING BAR

BF15

p.83



PRUNING SHEAR BAR

BTZ5 15
 BTZ5 18
 BTZ10 16
 BTZ10 19
 BTZ10 22

p.84



FOREST CUTTING DISC BAR

BD2
 BD3

p.85



DITCH CLEANER

PF60

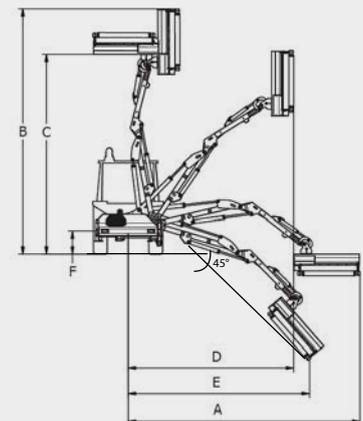
DOC 302 PA

For tractors 100-130 hp (5,5 m / 6,0 m)

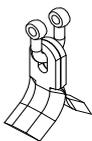


Hydraulic hedge mower with the side cabin forwarding and 100° rotating column with shock resistant hydraulic safety device for tractors HP 100/130 and weight 3500/4500 kg, suitable for working on local and trunk roads and farms.

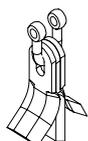
DOC 302	PA
A mm	6.000 Max - 5.500 Avant
B mm	5.700
C mm	4.600
D mm	3.700
E mm	4.500
F mm	550



Rotor with shackle (exchangeable tools)



KC2
Ø max 2 cm
STANDARD EQUIPMENT



KC3
Ø max 2 cm



HC1
Ø max 4 cm

Rotor with bolt (exchangeable tools)



KF2
Ø max 3 cm



KF3
Ø max 3 cm



HF3
Ø max 6 cm



Tools n. 20 kits per rotor

Arm mower

DOC 302 PA

Extension E mm	6.000 Max - 5.500 Avant
Weight kg	1.350
Oil tank L	160
Head model	30.3 TTD 125
Pump l/min	100+20
Hydraulic Motor HP [kW]	55 (40)

Tractor

Power HP [kW]	100/130 (75/95)
3-point linkage Cat.	Cat. 2
Weight kg	4.500
Width m	2,4
PTO rpm	540

Technical features and standard equipment

- Frame - 1st arm - 2nd arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2nd category
- Oil tank 160 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200° with upper attachment
- Helicoidal rotor with jointed cut blade KC2
- Rotor turning at 3000 rpm
- Fixing tie-rods - Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1250 MODEL 30.3 TTD 125 with direct transmission

Accessories on request

- Nitrogen accumulator for 1st arm suspension
- Electric distributor with joystick
- Electric rotor command
- Proportional power-assisted with joystick
- Cast iron pump and motor
- Rear flail head hitch
- Tie rods adapter Cat. 2
- Flail head mm 1050 - n. 16 kit per rotor

Terminal tools

In replacement of the standard mulcher

p.77



MODEL

30.5 TTD 105 | 280 kg/lbs
30.5 TTD 130 | 320 kg/lbs

30.5 TTC 105 | 305 kg/lbs
30.5 TTC 130 | 345 kg/lbs

p.82



HEDGE CUTTING BAR

BF15

p.83



PRUNING SHEAR BAR

BTZ5 15
 BTZ5 18
 BTZ10 16
 BTZ10 19
 BTZ10 22

p.84



FOREST CUTTING DISC BAR

BD2
 BD3

p.85



DITCH CLEANER

PF60

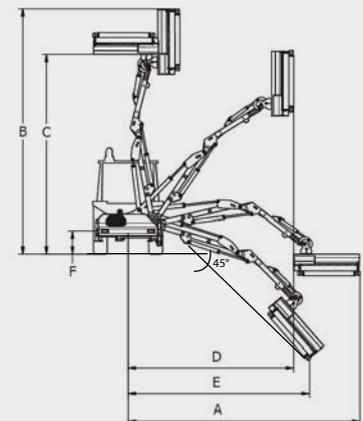
DOC 400

For tractors 110-150 hp (5,5 m / 6,5 m)



Hydraulic hedge mower of 5,5/6,5 m range, for tractors HP 110/150 and weight 4500/5000 kg, suitable for all working and roads, strong, compact, connected on the tractor in high position and fast on the motions.

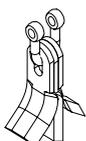
DOC 400	A/P	s/PS/AS
A mm	5.500	6.500
B mm	5.700	6.700
C mm	4.600	5.600
D mm	3.700	4.700
E mm	4.500	5.500
F mm	550	550



Rotor with shackle (exchangeable tools)



KC4
Ø max 2 cm
STANDARD EQUIPMENT



KC5
Ø max 2 cm



HC2
Ø max 4 cm



Rotor with bolt (exchangeable tools)



KF4
Ø max 4 cm



KF5
Ø max 4 cm



KF6
Ø max 3 cm



HF5
Ø max 6 cm



HF4
Ø max 6 cm

Tools n. 20 kits per rotor

Arm mower	DOC 400	DOC 400 P	DOC 400 A	DOC 400 S	DOC 400 PS	DOC 400 AS
Extension E mm	5.500	5.500	5.500	6.500	6.500	6.500
Telescopic	0	0	0	1	1	1
Weight kg	1.100	1.150	1.200	1.300	1.350	1.400
Oil tank L	260	260	260	260	260	260
Head model	30.5	30.5	30.5	30.5	30.5	30.5
Pump l/min	100+20	100+20	100+20	100+20	100+20	100+20
Hydraulic Motor HP [kW]	55 (41)	55 (41)	55 (41)	55 (41)	55 (41)	55 (41)

Tractor

Power HP [kW]	110/150 (73/110)	110/150 (73/110)	110/150 (73/110)	110/150 (73/110)	110/150 (73/110)	110/150 (73/110)
Weight kg	4.500	4.500	4.500	5.500	5.500	5.500
Width m	2,4	2,4	2,4	2,4	2,4	2,4
PTO rpm	540	540	540	540	540	540

Technical features and standard equipment

- Frame in structural steel ST 52
- Highly resistant steel DOMEX700 for 1st, 2nd arm and telescopic extension terminal with hexagonal section
- Telescopic extension terminal on guide slides on ERTALON anti-wear material
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2nd and 3th category
- Oil tank 260 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC4
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1300 MODEL 30.5 TTD 130 with direct transmission

Accessories on request

- Nitrogen accumulator for 1st arm suspension
- Proportional power-assisted with joystick
- Biaxial prop. distributor with joystick SAUER DANFOSS
- Closed circuit piston Motor and Pump SAUER DANFOSS 70 hp
- Gear pump and motor PARKER - 80 hp
- Rear flail head hitch
- Belt transmission "TTC"
- Hydraulic flail head hood + additional hydraulic line (to be connected to the tractor)
- Blower (to be connected to the tractor)
- Trestle bracing + tie rods adapter
- Tie rods adapter Cat. 2 (3rd point pin 25 mm)
- Tie rods adapter Cat. 3 (3rd point pin 32 mm)

Terminal tools

In replacement of the standard mulcher

p.83



PRUNING SHEAR BAR

BTZ10 16
BTZ10 19
BTZ10 22

p.84



FOREST CUTTING DISC BAR

BD3
BD4

p.85



DITCH CLEANER

PF60
PF80

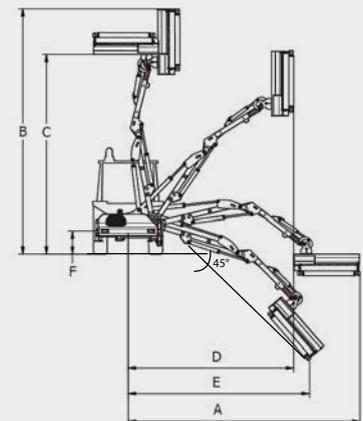
DOC 500

For tractors 130-180 hp (7,5 m)

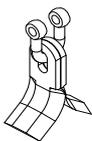


Hydraulic hedge mower of 7.5 m range, for tractors HP 130/180 and weight 6500 kg, suitable for heavy drainage and road mowing, strong, compact, connected on the tractor in high position and fast on the motions.

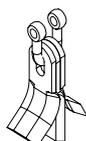
DOC 500	S/PS/AS
A mm	7.500
B mm	7.700
C mm	6.600
D mm	5.700
E mm	6.500
F mm	550



Rotor with shackle (exchangeable tools)



KC4
Ø max 2 cm
STANDARD EQUIPMENT



KC5
Ø max 2 cm



HC2
Ø max 4 cm



Rotor with bolt (exchangeable tools)



KF4
Ø max 4 cm



KF5
Ø max 4 cm



KF6
Ø max 3 cm



HF5
Ø max 6 cm



HF4
Ø max 6 cm

Tools n. 20 kits per rotor

Arm mower	DOC 500 S	DOC 500 PS	DOC 500 AS
Extension E mm	7.500	7.500	7.500
Telescopic	1	1	1
Weight kg	1.680	1.750	1.780
Oil tank L	260	260	260
Head model	30.5	30.5	30.5
Pump l/min	120+20	120+20	120+20
Hydraulic Motor HP [kW]	67 (50)	67 (50)	67 (50)

Tractor

Power HP [kW]	130/180 (97/132)	130/180 (97/132)	130/180 (97/132)
Weight kg	6.500	6.500	6.500
Width m	2,5	2,5	2,5
PTO rpm	540	540	540

Technical features and standard equipment

- Frame in structural steel ST 52
- Highly resistant steel DOMEX700 for 1st, 2nd arm and telescopic extension terminal with hexagonal section
- Telescopic extension terminal on guide slides on ERTALON anti-wear material
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2nd and 3th category
- Oil tank 260 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC4
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1300 MODEL 30.5 TTD 130 with direct transmission

Accessories on request

- Nitrogen accumulator for 1st arm suspension
- Proportional power-assisted with joystick
- Biaxial proportional distributor with joystick SAUER DANFOSS
- Closed circuit piston Motor and Pump SAUER DANFOSS 70 hp
- Gear pump and motor PARKER - 80 hp
- Rear flail head hitch
- Belt transmission "TTC"
- Hydraulic flail head hood + additional hydraulic line (to be connected to the tractor)
- Blower (to be connected to the tractor)
- Trestle bracing + tie rods adapter
- Tie rods adapter Cat. 2 (3rd point pin 25 mm)
- Tie rods adapter Cat. 3 (3rd point pin 32 mm)

Terminal tools

In replacement of the standard mulcher

p.83



PRUNING SHEAR BAR

BTZ10 16
BTZ10 19
BTZ10 22

p.84



FOREST CUTTING DISC BAR

BD3
BD4

p.85



DITCH CLEANER

PF60
PF80

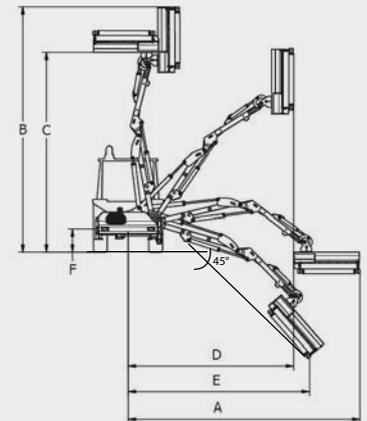
DOC 600

For tractors 150- 200 hp (9 m)

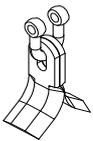


Hydraulic hedge mower of 9 m range, for tractors HP 150/200 and weight 7000 kg, suitable for heavy drainage and road mowing, strong, compact, connected on the tractor in high position and fast moving.

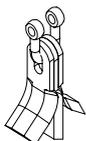
DOC 600	9.0
A mm	9.000
B mm	9.100
C mm	8.000
D mm	7.100
E mm	7.900
F mm	550



Rotor with shackle (exchangeable tools)



KC4
Ø max 2 cm
STANDARD EQUIPMENT



KC5
Ø max 2 cm



HC2
Ø max 4 cm



Rotor with bolt (exchangeable tools)



KF4
Ø max 4 cm



KF5
Ø max 4 cm



KF6
Ø max 3 cm



HF5
Ø max 6 cm



HF4
Ø max 6 cm

Tools n. 20 kits per rotor

Arm mower

DOC 600

Extension E mm	9.000
Telescopic	2
Weight kg	1.810
Oil tank L	260
Head model	30.5
Pump l/min	120+20
Hydraulic Motor HP [kW]	67 (50)

Tractor

Power HP [kW]	150/200 (112/149)
Weight kg	7.000
Width m	2,5
PTO rpm	540

Technical features and standard equipment

- Frame in structural steel ST 52
- Highly resistant steel DOMEX700 for 1st, 2nd arm and telescopic extension terminal with hexagonal section
- Telescopic extension terminal on guide slides on ERTALON anti-wear material
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2nd and 3th category
- Oil tank 260 l
- Double gear pump group 3+2 - 100+20 l/min
- Bidirectional hydraulic motor HP 55 power
- Distributor with remote controls with mm 3000 flexible cables
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC4
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Flail head mm 1300 MODEL 30.5 TTD 130 with direct transmission

Accessories on request

- Nitrogen accumulator for 1st arm suspension
- Proportional power-assisted with joystick
- Biaxial prop. distributor with joystick SAUER DANFOSS
- Closed circuit piston Motor and Pump SAUER DANFOSS 70 hp
- Gear pump and motor PARKER - 80 hp
- Rear flail head hitch
- Belt transmission "TTC"
- Hydraulic flail head hood + additional hydraulic line (to be connected to the tractor)
- Blower (to be connected to the tractor)
- Trestle bracing + tie rods adapter
- Tie rods adapter Cat. 2 (3rd point pin 25 mm)
- Tie rods adapter Cat. 3 (3rd point pin 32 mm)

Terminal tools

In replacement of the standard mulcher

p.83



PRUNING SHEAR BAR

BTZ10 16
BTZ10 19
BTZ10 22

p.84



FOREST CUTTING DISC BAR

BD3
BD4

p.85



DITCH CLEANER

PF60
PF80

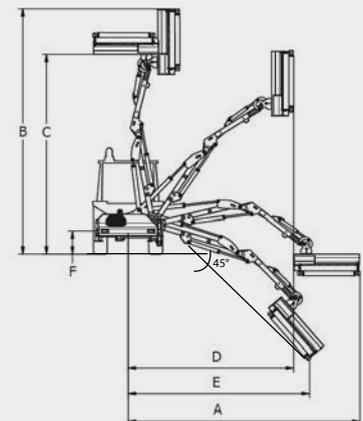
VFR7 - VFR8T

For tractors 150-200 hp (7/8 m)

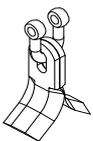


The VFR 8T combines three important features: the parallelogram geometry, a telescopic extension and the side cabin forwarding. These features are essential for an easy work in narrow spaces by long hedge mowers and all the comfort of the cutting head on the side of the cab for better visibility.

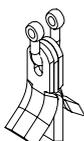
VFR	7	8T
A mm	7.000	8.000
B mm	7.200	8.200
C mm	6.100	7.100
D mm	5.200	6.200
E mm	6.100	7.100
F mm	550	550



Rotor with shackle (exchangeable tools)



KC4
Ø max 2 cm
STANDARD EQUIPMENT



KC5
Ø max 2 cm



HC2
Ø max 4 cm



Rotor with bolt (exchangeable tools)



KF4
Ø max 4 cm



KF5
Ø max 4 cm



KF6
Ø max 3 cm



HF5
Ø max 6 cm



HF4
Ø max 6 cm

Tools n. 20 kits per rotor

Arm mower	VFR 7	VFR 8T
Extension E mm	7.000	8.000
Telescopic	1	1
Weight kg	1.700	1.900
Oil tank L	260	260
Head model	30.5	30.5
Pump l/min	120+20	120+20
Hydraulic Motor HP [kW]	80	80

Tractor

Power HP [kW]	150 (110)	150 (110)
Weight kg	6.500	7.000
Width m	2,5	2,5
PTO rpm	540	540

Technical features and standard equipment

- Frame in structural steel ST 52
- Highly resistant steel DOMEX700 for 1st, 2nd arm and telescopic extension terminal with hexagonal section
- Telescopic extension terminal on guide slides on ERTALON anti-wear material
- 90° rotating column and shock resistant hydraulic safety device
- Three points hitch 2nd and 3th category
- Oil tank 260 l
- Double gear pump PARKER - 120+25 l/min
- Bidirectional hydraulic motor HP 80 power
- Biaxial prop. distributor with joystick SAUER DANFOSS
- Nitrogen accumulator for 1st arm suspension
- Rear flail head hitch
- Head rotating angle 230°
- Additional auxiliary line 3/8 "
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Helicoidal rotor with jointed cut blade M5C
- Rotor turning at 3000 rpm
- Fixing tie-rods
- Cardan joint
- Air-oil heat exchanger with radiating mass at high thermal exchange
- Rear underrun protection with lights
- Hydraulic flail head hood
- Flail head mm 1300 MODEL 30.5 TTC 130 with belt transmission

Accessories on request

- Blower (to be connected to the tractor)
- Trestle bracing + tie rods adapter
- Tie rods adapter Cat. 2 (3rd point pin 25 mm)
- Tie rods adapter Cat. 3 (3rd point pin 32 mm)

Terminal tools

In replacement of the standard mulcher

p.83



PRUNING SHEAR BAR

BTZ10 16
BTZ10 19
BTZ10 22

p.84



FOREST CUTTING DISC BAR

BD3
BD4

p.85



DITCH CLEANER

PF60
PF80

VFR8T



Forward 45°



Back 30°





DF6

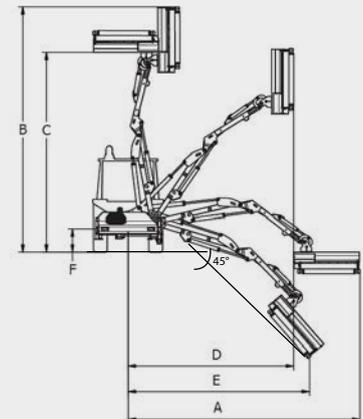
Frontal hedge mowers for backhoe loader



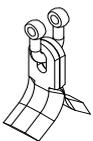
Hydraulic hedge mower with side shift and 90° rotating column with shock resistant hydraulic safety device for backhoe loaders or similar, suitable for working on local and trunk roads.

DF6

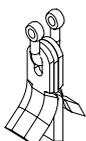
A mm	6.000
B mm	6.300
C mm	5.500
D mm	5.380
E mm	5.450
F mm	550



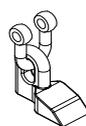
Rotor with shackle (exchangeable tools)



KC2
Ø max 2 cm
STANDARD EQUIPMENT



KC3
Ø max 2 cm



HC1
Ø max 4 cm

Rotor with bolt (exchangeable tools)



KF2
Ø max 3 cm



KF3
Ø max 3 cm



HF3
Ø max 6 cm



Tools n. 16 kits per rotor

Arm mower

DF6

Extension E mm	6.000
Weight kg	1.050
Head model	30.3 TTD 105

Backhoe loader

Power HP [kW]	100 (74)
Weight kg	8000
 L/min	100
 bar/psi (min-max)	200/220

Technical features and standard equipment

- Frame - 1st arm - 2nd arm in structural steel ST 52
- 90° rotating column and shock resistant hydraulic safety device
- On-off electro-hydraulic distributor with joystick
- Head mm 1050 MODEL 30.3 TTD with direct transmission
- Self-levelling floating system
- Feeler roller recordable on 3 positions
- Head rotating angle 200°
- Helicoidal rotor with jointed cut blade KC2



STANDARD EQUIPMENT
Installation with 3 hoses
+ electric plug:

- Inlet + Outlet 3/4" - 1"
- Drain 1/2"
- Electric plug

Accessories on request

- Nitrogen accumulator for 1st arm suspension
- Rear attachment 230°
- Flail head mm 1250 - n. 20 kit per rotor
- Hitch coupler for articulated backhoe-loader, backhoe loader, telescopic

Mulchers for rear hedge mowers



	T3 70	T3 90
	700 mm	900 mm
	120 kg/lbs	140 kg/lbs
	10	14

ROTOR



Gear hydraulic motor
All interchangeable tools



	20.2 TTD 105
	1.050 mm
	190 kg/lbs
	16

ROTOR

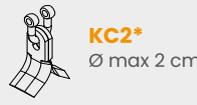


Gear hydraulic motor
All interchangeable tools

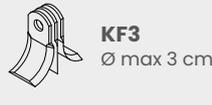


	30.3 TTD 105	30.3 TTD 125
	1.050 mm	1.250 mm
	220 kg/lbs	250 kg/lbs
	16	20

ROTOR WITH SHACKLE (exchangeable tools)



ROTOR WITH BOLT (exchangeable tools)



Gear hydraulic motor



	30.4 TTD 105	30.4 TTD 130
	1.050 mm	1.300 mm
	250 kg/lbs	280 kg/lbs
	16	20

ROTOR WITH SHACKLE (exchangeable tools)



ROTOR WITH BOLT (exchangeable tools)



Gear hydraulic motor

*STANDARD EQUIPMENT




Hydraulic hood
FA + 30 kg

	30.5 TTD 105	30.5 TTD 130
	1.050 mm	1.300 mm
	280 kg/lbs	320 kg/lbs
	16	20

ROTOR WITH SHACKLE (exchangeable tools)

KC4*
Ø max 2 cm

KC5
Ø max 2 cm

HC2
Ø max 4 cm

ROTOR WITH BOLT (exchangeable tools)

KF4
Ø max 4 cm

KF5
Ø max 4 cm

KF6
Ø max 3 cm

HF5
Ø max 6 cm

HF4
Ø max 6 cm

Gear hydraulic motor




Hydraulic hood
FA + 30 kg

	30.5 TTC 105	30.5 TTC 130
	1.050 mm	1.300 mm
	305 kg/lbs	345 kg/lbs
	16	20

ROTOR WITH SHACKLE (exchangeable tools)

KC4*
Ø max 2 cm

KC5
Ø max 2 cm

HC2
Ø max 4 cm

ROTOR WITH BOLT (exchangeable tools)

KF4
Ø max 4 cm

KF5
Ø max 4 cm

KF6
Ø max 3 cm

HF5
Ø max 6 cm

HF4
Ø max 6 cm



Flanged rotor with 360° rotatin hammers
FS+ 55 kg

Parker 80hp gear hydraulic
Pistons hydraulic motor
Gear hydraulic motor




Hydraulic hood
FA + 30 kg

	40 TTC 16
	1.600 mm
	420 kg/lbs
	20

ROTOR WITH SHACKLE (exchangeable tools)

KC4*
Ø max 2 cm

KC5
Ø max 2 cm

HC2
Ø max 4 cm

ROTOR WITH BOLT (exchangeable tools)

KF4
Ø max 4 cm

KF5
Ø max 4 cm

KF6
Ø max 3 cm

HF5
Ø max 6 cm

HF4
Ø max 6 cm

Parker 80hp gear hydraulic
Pistons hydraulic motor
Gear hydraulic motor

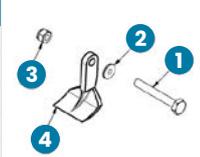
NB: In all the mulchers the Hydraulic motor in not included.



ROTOR TOOLS

TI REV

HF1		
ITEM	COD.	N.
1	TE075	1
2	UNI 6592-03	1
3	UNI 7473-13	1
4	TE057	1

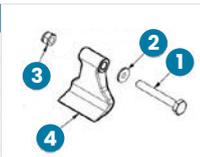


KF1		
ITEM	COD.	N.
1	TE075	1
2	UNI 7473-13	1
3	TE064	2

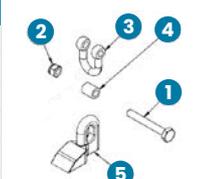


20.2 - T3 - T5

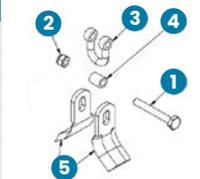
HF2		
ITEM	COD.	N.
1	TE073	1
2	UNI 6592-03	1
3	UNI 7473-13	1
4	TE058	1



HC1		
ITEM	COD.	N.
1	TE073	1
2	UNI 7473-13	1
3	TE005	1
4	141001	1
5	TE008	1



KC1		
ITEM	COD.	N.
1	TE073	1
2	UNI 7473-13	1
3	TE005	1
4	141001	1
5	TE001	2



30.3 - T7 - T9 REV

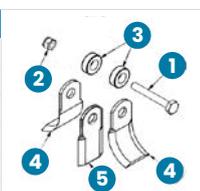
HF3		
ITEM	COD.	N.
1	TE074	1
2	UNI 7473-03	1
3	TE040	1



KF2		
ITEM	COD.	N.
1	TE074	1
2	UNI 7473-03	1
3	141170	2
4	TE041	2

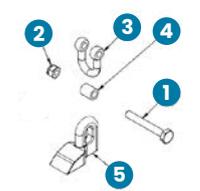


KF3		
ITEM	COD.	N.
1	TE074	1
2	UNI 7473-03	1
3	141085	2
4	TE041	2
5	TE042	1

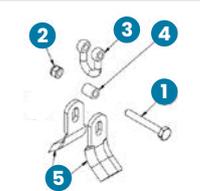


30.3

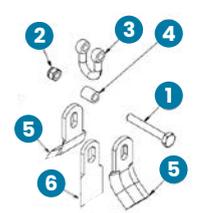
HC1		
ITEM	COD.	N.
1	TE073	1
2	UNI 7473-13	1
3	TE005	1
4	141001	1
5	TE008	1



KC2		
ITEM	COD.	N.
1	TE073	1
2	UNI 7473-13	1
3	TE005	1
4	141001	1
5	TE009	2

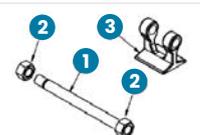


KC3		
ITEM	COD.	N.
1	TE073	1
2	UNI 7473-13	1
3	TE005	1
4	141001	1
5	TE009	2
6	TE007	1

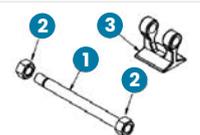


FR (T9 REV - T11 - T13 REV)

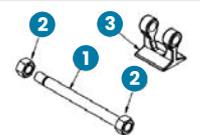
HF18 (FR70)		
ITEM	COD.	N.
1	TE067	4
2	UNI 7473-12	8
3	TE034	14



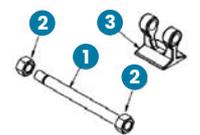
HF7 (FR90)		
ITEM	COD.	N.
1	TE035	4
2	UNI 7473-12	8
3	TE034	18



HF8 (FR105)		
ITEM	COD.	N.
1	TE036	4
2	UNI 7473-12	8
3	TE034	22

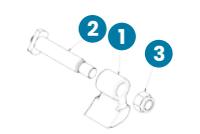


HF9 (FR130)		
ITEM	COD.	N.
1	TE037	4
2	UNI 7473-12	8
3	TE034	26



FS (T9)

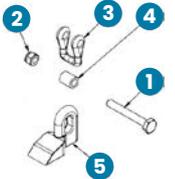
HF17		
ITEM	COD.	N.
1	TE063	1
2	149041	1
3	UNI7474-02	1



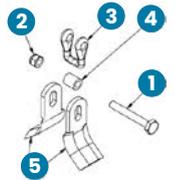
ROTOR TOOLS

30.4 - 30.5 - 40

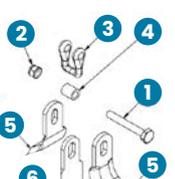
HC2		
ITEM	COD.	N.
1	TE011	1
2	UNI 7473-02	1
3	TE010	1
4	141002	1
5	TE008	1



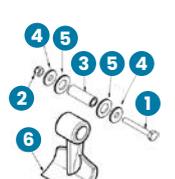
KC4		
ITEM	COD.	N.
1	TE011	1
2	UNI 7473-02	1
3	TE010	1
4	141002	1
5	TE009	2



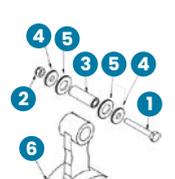
KC5		
ITEM	COD.	N.
1	TE011	1
2	UNI 7473-02	1
3	TE010	1
4	141002	1
5	TE009	2
6	TE007	1



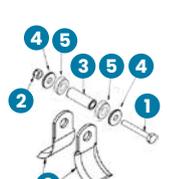
HF4		
ITEM	COD.	N.
1	UNI 5738-02	1
2	UNI 7473-02	1
3	142003	1
4	141169	2
5	141244	2
6	TE020	1



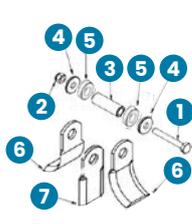
HF5		
ITEM	COD.	N.
1	UNI 5738-02	1
2	UNI 7473-02	1
3	142003	1
4	141169	2
5	141245	2
6	TE019	1



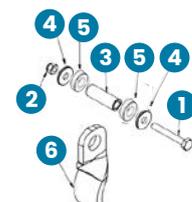
KF4		
ITEM	COD.	N.
1	UNI 5738-02	1
2	UNI 7473-02	1
3	142003	1
4	141169	2
5	141242	2
6	TE024	2



KF5		
ITEM	COD.	N.
1	UNI 5738-02	1
2	UNI 7473-02	1
3	142003	1
4	141169	2
5	141241	2
6	TE024	2
7	TE029	1

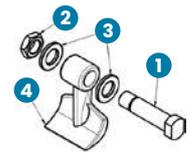


KF6		
ITEM	COD.	N.
1	UNI 5738-02	1
2	UNI 7473-02	1
3	142003	1
4	141169	2
5	141243	2
6	TE031	1

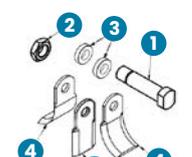


T11 - T13 REV - T15 REV

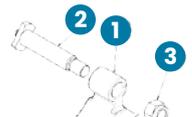
HF6		
ITEM	COD.	N.
1	147121	1
2	UNI 7474-03	1
3	141244	2
4	TE020	1



KF7		
ITEM	COD.	N.
1	147121	1
2	UNI 7474-03	1
3	141241	2
4	TE024	2
5	TE029	1



HF19		
ITEM	COD.	N.
1	TE056	1
2	149117	1
3	UNI7474-04	1



ROTOR TOOLS

T15 FR REV

HF10 (FR130)

ITEM	COD.	N.
1	TE060	4
2	TE055	26

HF11 (FR130)

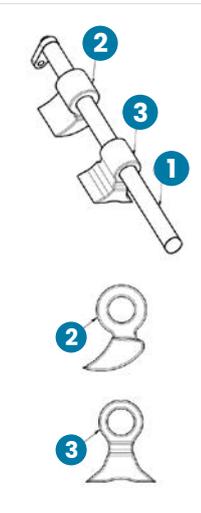
ITEM	COD.	N.
1	TE060	4
3	TE056	26

HF12 (FR160)

ITEM	COD.	N.
1	TE061	4
2	TE055	32

HF13 (FR160)

ITEM	COD.	N.
1	TE061	4
3	TE056	32



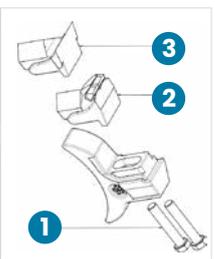
DFX (T21)

HF20

ITEM	COD.	N.
1	UNI5738-03	2
2	TE070	1

HF21

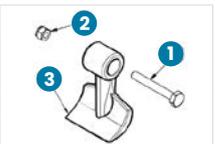
ITEM	COD.	N.
1	UNI5738-03	2
3	TE071	1



S5

HF16

ITEM	COD.	N.
1	UNI 5738-03	1
2	UNI 7473-03	1
3	TE059	1



DF (T9 REV-T13 REV-T15 REV-T20-S10)

HF14

ITEM	COD.	N.
1	TE050	1
2	TE046	1

HF15

ITEM	COD.	N.
1	TE050	1
3	TE062	1



KF3

ITEM	COD.	N.
1	UNI 5738-03	1
2	UNI 7473-03	1
3	141085	2
4	TE041	2
5	TE042	1



DFD

HF22

ITEM	COD.	N.
1	UNI5738-06	1
2	TE077	1



BF

For hedge mowers and excavators 1.5–3.0 ton

The cutting bar is suitable on hedge mowers and excavators to cut small shrubs with a maximum diameter of 3 cm.



	BF15
Weight kg/lbs	48 106
Width cm/inch	150 60
Cut cm/inch	3 2
Max pressure bar/psi (min-max)	140 2.100
Max oil flow l/min - gal/min	40 11
Rev min	605

Technical features and standard equipment

- Hydraulic motor
- Steel plate for excavator or boom mower mounting hitch
- Protection blades for transport

Accessories

- Mounting hitch (pins version) 1.2–4.0 ton
DOC101–201–202
- Pins kit 1.2–4.0 ton
- Quick hitch 1.2–4.0 ton
- Mounting hitch (pins version) 4.1–8.0 ton
DOC 303–302–400–500–600–VFR
- Pins kit 4.1–8.0 ton
- Quick hitch 4.1 – 8.0 ton
- Hoses kit Lg. 2 meters
- Valves block

For hedge mowers and excavators 4.0-10.0 ton

The pruning shear can be applied to excavators and hedge mowers that have approximately a serial cutting head of a similar weight, considering for each model the maximum operating pressure and oil flow limit. It is suitable for cutting shrubs with a maximum diameter of 10 cm.



	BTZ5 15	BTZ5 18	BTZ10 16	BTZ10 19	BTZ10 22
Weight kg/lbs	210 463	220 485	240 529	265 584	290 639
Width cm/inch	150 60	180 71	160 63	190 75	220 87
Cut cm/inch	5 2	5 2	10 4	10 4	10 4
Max pressure bar/psi (min-max)	250 3.700	250 3.700	250 3.700	250 3.700	250 3.700
Max oil flow L/min - gal/min	60 16	60 16	60 16	60 16	60 16
Rev min	200	200	85	85	85

Technical features and standard equipment

- Mechanical tilt adjustment
- Hydraulic hoses 3/4" (L= 2.00 mt.)
- Under plate for mounting
- Low regulator valve 3/4" (max 100 lt.)
- Accident prevention protections according to EC directives

Accessories

- Mounting hitch (pins version) 1.2-4.0 ton / DOC101-201-202
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
DOC 303-302-400-500-600-VFR
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1 - 8.0 ton
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1 - 12.0 ton

BD

For hedge mowers and excavators 3.0-10.0 ton

The forest cutting disc bar is used for strong and fast pruning. The maximum diameter of shear is about 100-150 mm.



	BD2	BD3	BD4
Weight kg/lbs	73 161	107 236	144 317
Disc diameter cm/inch	60 23,6	60 23,6	60 23,6
Discs	2	3	4
Engines	1	1	1
Width cm/inch	122 48	156 62	204 80
Cut cm/inch	10-15 4-6	10-15 4-6	10-15 4-6
RPM max	3000	3000	3000
Max pressure bar/psi (min-max)	150 2.200	150 2.200	150 2.200
Min-max oil flow L/min - gal/min	40-150 11-40	40-150 11-40	40-150 11-40

Technical features and standard equipment

- Hydraulic motor
- Steel plate for excavator or boom mower mounting hitch
- Protection blades for transport

Accessories

- Mounting hitch (pins version) 1.2-4.0 ton
DOC101-201-202
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
DOC303-302-400-500-600-VFR
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1 - 8.0 ton
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1 - 12.0 ton
- Hoses kit Lg. 2 meters
- Valves block

For hedge mowers

The ditch-cleaner is a cutter for maintenance and cleaning of existing ditches.



	PF40	PF60	PF80
Weight kg/lbs	120 265	140 309	290 639
Disc diameter cm/inch	40 16	60 24	80 32
Max pressure bar/psi (min-max)	200 2.900	200 2.900	220 3.200
Required oil flow L/min - gal/min	70-100 19-27	70-100 19-27	100-125 27-33

Technical features and standard equipment

- Mechanical tilt adjustment
- Under plate for mounting
- Accident prevention protections according to EC directives

Accessories

- Mounting hitch (pins version) 1.2-4.0 ton
DOC101-201-202
- Pins kit 1.2-4.0 ton
- Quick hitch 1.2-4.0 ton
- Mounting hitch (pins version) 4.1-8.0 ton
DOC303-302-400-500-600-VFR
- Pins kit 4.1-8.0 ton
- Quick hitch 4.1 - 8.0 ton
- Mounting hitch (pins version) 8.1-12.0 ton
- Pins kit 8.1-12.0 ton
- Quick hitch 8.1 - 12.0 ton
- Hoses kit Lg. 2 meters

FEMAC 

BACKHOES

EQUIPMENT FOR BACKHOES



Hydraulic translation lock

Mechanism that blocks the lateral movement of the backhoe operated by hydraulic cylinders with remote lever control.

Stiffening tractor frame



Adjustable anchor system to be mounted to the third point of the tractor, allows the tractor lift arms to be anchored via tie rods and prevents any unintentional movement of the backhoe.



SERIE 3

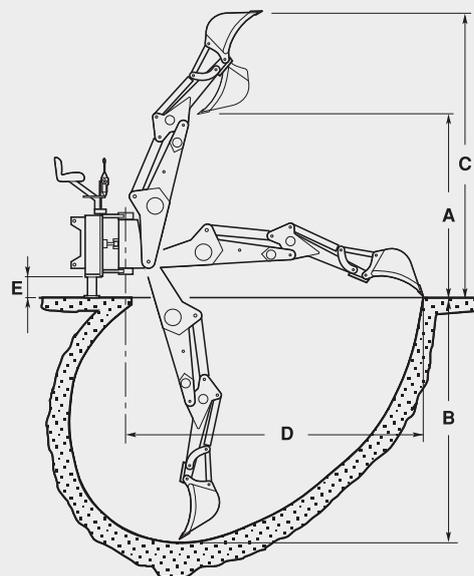
For tractors 20–30 hp

Hobby and gardening



SERIE 3

A (mm)	1.250
B (mm)	1.700
C (mm)	2.300
D (mm)	2.200
E (mm)	250



SERIE 3

Digging depth mm	1.700
Rotation angle	180°
Moving frame width mm	1.100
Weight kg	285
Oil tank L	15
Standard bucket mm	250 (14 l)
Tooth tearing resistance kg	1.500
Digging force with auxiliary boom kg	700

Technical features and standard equipment

- Sideshifting backhoe with mechanical locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 4 cm³/rev., pump, multiplier, 15-lit built-in tank, oil strainer and hydraulic oil
- Monoblock distributor with 40 lt/min flow rate and finger-tip control levers
- Flow rate 6 l/min
- Max working pressure: 190 bar
- Standard bucket: 250 mm
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1

Accessories on request

- Hydraulic locking TI



Stiffening tractor frame
Category 1 - Included

Terminal tools



BUCKET
250 mm
300 mm
400 mm



DITCH CLEANING BUCKET
800 mm



TRAPEZOIDAL BUCKET
550 mm

SERIE 4

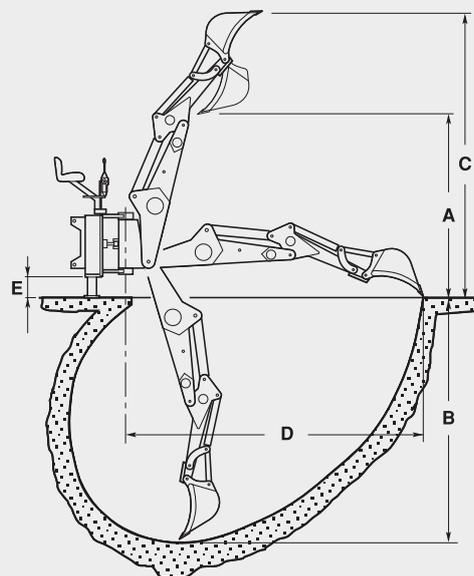
For tractors 35-55 hp

Gardening - Wine growing - Horticulture and green maintenance



SERIE 4

A (mm)	1.650
B (mm)	2.200
C (mm)	2.625
D (mm)	2.580
E (mm)	260



SERIE 4	1200	1400
Digging depth mm	2.200	2.200
Rotation angle	180°	180°
Moving frame width mm	1.200	1.400
Weight kg	375	410
Oil tank L	22	22
Standard bucket mm	300 (25 l)	300 (25 l)
Tooth tearing resistance kg	2.200	2.200
Digging force with auxiliary boom kg	1.000	1.000

Technical features and standard equipment

- Sideshifting backhoe with mechanical locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 8 cm³/rev., pump, multiplier, 22-lt built-in tank, oil strainer and hydraulic oil
- Monoblock distributor with 40 lt/min flow rate and finger-tip control levers
- Flow rate 15 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1

Accessories on request

- Installation 1: ditch cleaning tilting buckets 45°
- Installation 2: hydraulic mulcher (installation 1 included)
- Hydraulic mulcher 800 mm T1 80 REV
- Remote control on the cab
- Skid steer loader application
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic loaders



Stiffening tractor frame
Category 1 - Included

Terminal tools



BUCKET
250 mm
300 mm
400 mm
500 mm
600 mm



DITCH CLEANING BUCKET
800 mm
1000 mm
1200 mm



45° TITLING BUCKET
800 mm
1000 mm
1200 mm



TRAPEZOIDAL BUCKET
670 mm

SERIE 5

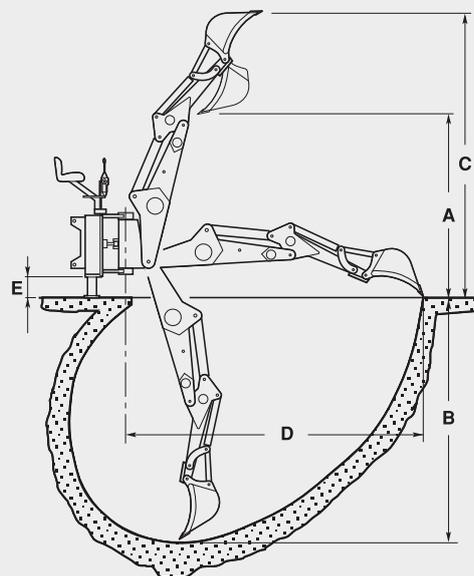
For tractors 55-90 hp

Semiprofessional



SERIE 5

A (mm)	1.880
B (mm)	2.600
C (mm)	2.850
D (mm)	2.800
E (mm)	310



SERIE 5

Digging depth mm	2.600
Rotation angle	180°
Moving frame width mm	1.500
Weight kg	580
Oil tank L	35
Standard bucket mm	300 (25 l)
Tooth tearing resistance kg	2.400
Digging force with auxiliary boom kg	1.100

Technical features and standard equipment

- Sideshifting backhoe with hydraulic locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 12 cm³/rev., pump, multiplier, 35-lt built-in tank, oil strainer and hydraulic oil
- Monoblock distributor with 40 lt/min flow rate and finger-tip control levers
- Flow rate 20 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1 and 2

Accessories on request

- Installation 1: auger, grab, multipurpose fork
- Installation 2: hydraulic hammer, ditch cleaning titling buckets 45°, hydraulic rotator + multipurpose fork or Grab (installation 1 included)
- Installation 3: hydraulic mulcher (installation 2 included)
- Hydraulic mulcher 800 mm T1 80 REV
- Remote control on the cab
- Skid steer loader application
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic



Stiffening tractor frame
Category 1 and 2 - Included

Terminal tools



BUCKET

250 mm
300 mm
400 mm
500 mm
600 mm



DITCH CLEANING BUCKET

800 mm
1000 mm
1200 mm



45° TITLING BUCKET

800 mm
1000 mm
1200 mm



TRAPEZOIDAL BUCKET

670 mm



GRAB

125 dm³



MULTIPURPOSE FORK

650 mm



HYDRAULIC ROTATOR

BR10



HYDRAULIC HAMMER

62 kg



AUGER

TR1



DRILL BITS (Ø x lg.1000 mm)

150
200
250
300
400

SERIE 6

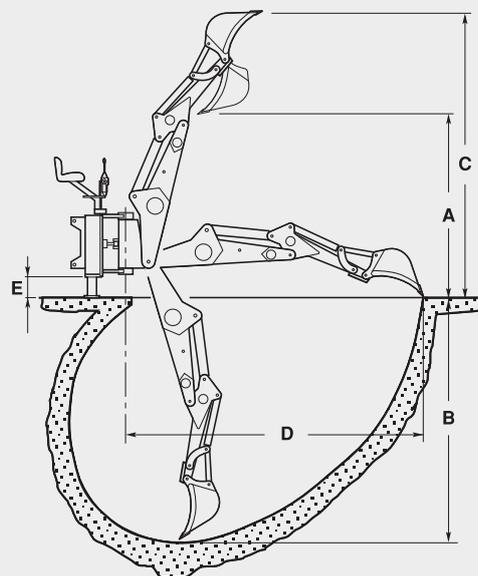
For tractors 75-110 hp

Professional



SERIE 6

A (mm)	2.280
B (mm)	2.900
C (mm)	3.300
D (mm)	3.300
E (mm)	310



SERIE 6

Digging depth mm	2.900
Rotation angle	180°
Moving frame width mm	1.700
Weight kg	730
Oil tank L	45
Standard bucket mm	300 (30 l)
Tooth tearing resistance kg	2.600
Digging force with auxiliary boom kg	2.100

Technical features and standard equipment

- Sideshifting backhoe with hydraulic locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 16 cm³/rev., pump, multiplier, 45-lt built-in tank, oil strainer and hydraulic oil
- Element distributor with 60 lt/min flow rate and finger-tip control levers and built-in shock-absorbing anti-cavitation valves
- Flow rate 25 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1 and 2

Accessories on request

- Installation 1: auger, grab, multipurpose fork
- Installation 2: hydraulic hammer, ditch cleaning titling buckets 45°, hydraulic rotator + multipurpose fork or Grab (installation 1 included)
- Installation 3: hydraulic mulcher (installation 2 included)
- Hydraulic mulcher 800 mm T1 80 REV
- Remote control on the cab
- Skid steer loader application
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic loaders



Stiffening tractor frame
Category 1 and 2 - Included

Terminal tools

In replacement of the standard bucket



BUCKET

250 mm
300 mm
400 mm
500 mm
600 mm
700 mm



DITCH CLEANING BUCKET

800 mm
1000 mm
1200 mm



45° TITLING BUCKET

1000 mm
1200 mm



TRAPEZOIDAL BUCKET

740 mm



GRAB

175 dm³



MULTIPURPOSE FORK

800 mm



HYDRAULIC ROTATOR

BR35



HYDRAULIC HAMMER

96 kg



AUGER

TR2



DRILL BITS (Ø x lg.1000 mm)

150
200
250
300
400

SERIE 7

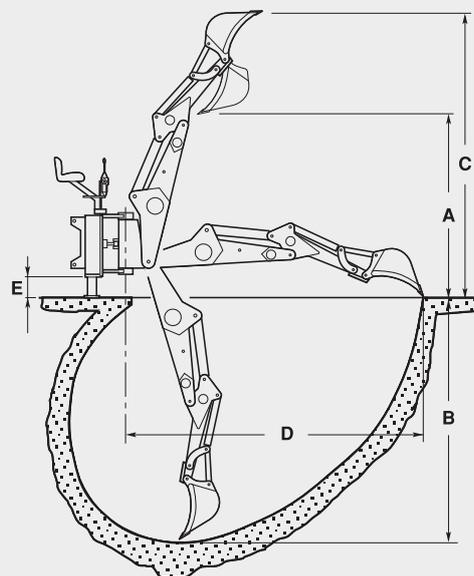
For tractors 100–200 hp

Semi-industrial



SERIE 7

A (mm)	2.490
B (mm)	3.300
C (mm)	3.675
D (mm)	3.700
E (mm)	310



SERIE 7

Digging depth mm	3.300
Rotation angle	180°
Moving frame width mm	2.000
Weight kg	1.080
Oil tank L	60
Standard bucket mm	300 (30 l)
Tooth tearing resistance kg	2.600
Digging force with auxiliary boom kg	2.100

Technical features and standard equipment

- Sideshifting backhoe with hydraulic locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 27 cm³/rev., pump, multiplier, 60-lt built-in tank, oil strainer and hydraulic oil
- Element distributor with 60 lt/1' flow rate, control levers and built-in shock-absorbing anti-cavitation valves
- Flow rate 45 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1 and 2

Accessories on request

- Installation 1: auger, grab, multipurpose fork
- Installation 2: hydraulic hammer, ditch cleaning titling buckets 45°, hydraulic rotator + multipurpose fork or Grab (installation 1 included)
- Installation 3: hydraulic mulcher (installation 2 included)
- Hydraulic mulcher 800 mm T1 80 REV
- Remote control on the cab
- Skid steer loader application
- Hitch coupler for articulated backhoe-loaders, backhoe loaders, telescopic loaders



Stiffening tractor frame
Category 1 and 2 - Included

Terminal tools



BUCKET

250 mm
300 mm
400 mm
500 mm
600 mm
700 mm



DITCH CLEANING BUCKET

800 mm
1000 mm
1200 mm



45° TITLING BUCKET

1000 mm
1200 mm



TRAPEZOIDAL BUCKET

740 mm



GRAB

175 dm³



MULTIPURPOSE FORK

800 mm



HYDRAULIC ROTATOR

BR35



HYDRAULIC HAMMER

96 kg



AUGER

TR2



DRILL BITS (Ø x lg.1000 mm)

150
200
250
300
400

SERIE 7S

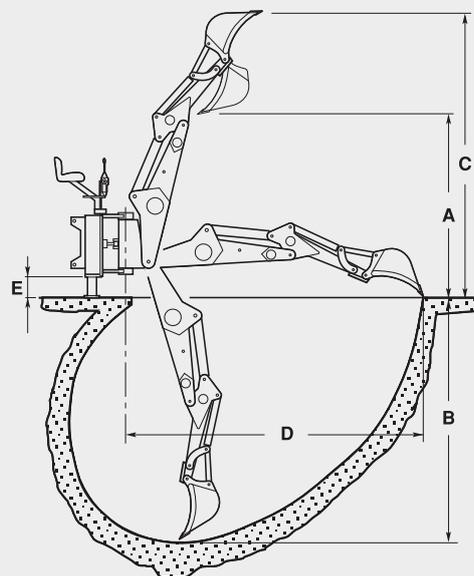
For tractors 120–200 hp

Industrial



SERIE 7S

A (mm)	3.780
B (mm)	4.100
C (mm)	4.820
D (mm)	5.210
E (mm)	310



SERIE 7S

Digging depth mm	4.100
Rotation angle	180°
Moving frame width mm	2.000
Weight kg	1.190
Oil tank L	60
Standard bucket mm	300 (30 l)
Tooth tearing resistance kg	2.600
Digging force with auxiliary boom kg	2.100

Technical features and standard equipment

- Sideshifting backhoe with hydraulic locking, applicable to the three-point hitch of the hydraulic boom
- 180° central rotation by 1 cylinder (patented)
- Independent hydraulic stabilisers with block valves
- Independent system with 44 cm³/rev., pump, multiplier, 60-lt built-in tank, oil strainer and hydraulic oil
- Element distributor with 60 lt/1' flow rate, control levers and built-in shock-absorbing anti-cavitation valves
- Flow rate 70 l/min
- Max working pressure: 190 bar
- Standard bucket: 300 mm
- Boom locking tensioners
- Joints with pins and bushes of case-hardened and tempered steel
- Chrome-plated double-liner cylinder rods
- Sanding and polyester powder coating
- Stiffening tractor frame category 1 and 2
- Telescopic boom

Accessories on request

- Installation I: hydraulic mulcher
- Hydraulic mulcher 800 mm T1 80 REV

Special equipment

- Special equipment: upgraded pump 70 l/min, electric switch, distributor with 8 elements, two ½" additional lines at the jib end



Stiffening tractor frame
Category 1 and 2 - Included

Terminal tools



BUCKET

250 mm
300 mm
400 mm
500 mm
600 mm
700 mm



DITCH CLEANING BUCKET

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96 kg



AUGER

TR2



DRILL BITS (Ø x lg.1000 mm)

150
200
250
300
400

GENERAL CONDITIONS OF SALE

FORWARD

These General Conditions of Sale (hereinafter, the “General Conditions”), together with the special conditions listed in the Order Confirmation, govern sales of products between FEMAC SRL (hereinafter, the “Seller”) and any purchaser (hereinafter, the “Customer”) and prevail over any other different clause inserted on forms or other documents used by the Seller and/or Customer (hereinafter, jointly called the “Parties”).

- The object of the sales governed by these General Conditions are all the agricultural machinery in the Seller’s price list (hereinafter, the “Products”) in effect at the time the Customer’s purchase order was sent, with the specifications shown in it.
- These General Conditions can only be waived by the provisions of the Order Confirmation.

PRICES

The prices shown are in Euro (€) and do not include VAT, which remains the Customer’s responsibility.

- This price list cancels and replaces all previous ones. The prices shown are subject to change without notice and they will, in any case, be those in effect at the time of delivery.

DELIVERY

Except where specified otherwise, the goods are delivered EX-WORKS (Incoterms 2000) at our plant in Trestina (Perugia, Italy).

- The goods travel as the Customer’s risk, even if shipping is paid to the destination.

PAYMENTS

Payments are to be made in the manner agreed. Payment is always due on the date the Seller issues the invoice and in the specified currency. Failure to pay will authorize the suspension of supplies.

- Even a partial delay in payment will trigger the late payment interest established by DL 231/2002 (conforming to European Directive 35/2000/EC) and the right to demand payment in full.

RESERVATION OF OWNERSHIP

The Products remain the Seller’s property until the Customer has paid the price in full and, in any case, until it is received. This notwithstanding, the Parties agree that the risks of the loss or damage of the Products, for any reason, will pass to the Customer from the moment of delivery EX-WORKS (Incoterms 2000).

- The Customer must notify the Seller of every lien or injunction filed by third parties on the Products with reserved ownership, within 24 hours.

The Customer remains responsible to the Seller for all costs or damage suffered by the latter due to such acts.

WARRANTY

The Seller warrants that its Products are free of defects in material or workmanship under conditions of normal use. The warranty period is 12 (twelve) months from the date of delivery and, in any case, cannot be suspended or extended for any reason. The Seller does not give the Customer any other implicit or explicit guarantee.

- In any case, the warranty does not cover defects due to normal wear and tear such as, but not limited to: cutting tools, bushings, bearings, belts, gaskets, oil, PTO transmissions, flexible wiring, hydraulic hoses and accident-prevention protections.
- Products defects, flaws or differences must be reported within 8 days from their discovery, on pain of voiding the warranty. After that term, the Customer is understood to have accepted the supply without reservation.
- During the warranty period, the Seller undertakes to supply pieces expressly acknowledged to be defective, with the Customer remaining responsible for all charges for shipping, packing and labor.
- The warranty and any credit will only be recognized after the defective piece has been received at the factory. The Customer is responsible for the cost of shipping the piece to the Seller.
- The Seller will not be liable for any damage caused by late delivery, breakage of the Products, or parts of them, as well as the use of the Products themselves, except when unavoidably required by the law.
- Customer complaints, as well as any legal action taken, do not, in any case, give the Customer the right to suspend or delay payments due under the sales contract.

DISAGREEMENTS

The court of Perugia, Italy is exclusively competent for any disagreements that may arise between the Parties.

The background consists of several concentric circles in various shades of blue, ranging from light to dark, creating a tunnel-like effect.

**REAL
ACTIVE
EQUIP
MENT**

FEMAC S.R.L.

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Trestina di Città di Castello (PG), Italy

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