

TECHNICAL DATA

ROTOR CIRCUIT		
Rpm of cutter carrying roller	Rpm	2100/3000
Rpm of pump	Rpm	1800/2500
Flow rate of head transmission oil	l/min	80/100
Calibration pressure of max. Pres. valve	bar	280
Maximum pressure	bar	350
Max. power	Kw	47 (65 HP)
Tank capacity	lt	180
Rotor control		Electric
Rotor stopping time	sec.	3
Filter on suction line		10μ absolute
Filter on return line		25μ absolute

CUTTING UNIT			
Width of heavy duty cutting head	mm	1400	
Useful cutting width	mm	1200	
Cutting height adjustment		2 positions	
Diameter of sliding roller	mm	140	
Motor-cutter carrying roller transmission		Belt HTD 14M	
Type of motor		Axial pistons	

HOST VEHICLE			
P.T.O.	rpm	1000	
Working rpm of host vehicle	rpm	1300/1400	
Max. driving speed	km/h	5	
Electric power supply	volt	12	

UTILITIES CIRCUIT		
Flow rate of arm transmission oil	l/min	25/40
Distributor pressure	bar	200
Accumulator pressure	bar	80
Pressure of shock-absorbing valves	bar	100
Capacity	Kw	14

STANDARD SUPPLY			
Nitrogen accumulator			
Heat exchanger			
Hydraulic distributor with sheathed controls			
Hydrostatic transmission with pump with variable capacity			
Inversion of the rotation direction of the cutter carrying roller			
Quick-release couplings for connecting the head			
Electric starting of cutter carrying roller			

OPTIONAL ON REQUEST

Floating control
Anti-restraining bar
Compensated electro-hydraulic distributor
Proportional and compensated electro-hydraulic distributor

Control panel
STANDARD



Control panel with
SINGLE LEVER
JOYSTICK



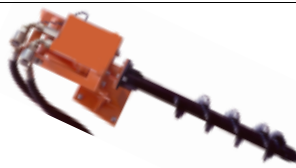
Control panel with
SINGLE LEVER
PROPORTIONAL
JOYSTICK



ALL PURPOSE CUTTER
HEAD
TT130-TT180-TT220



DRILLING HEAD
TR15



ALL PURPOSE CUTTER HEAD TC120



Drive type	hydraulic	
Required oil delivery	l/min	80-100
Available power	Kw	47
Working width	mm	1200
Width max	mm	1400
Max. speed	km/h	4
Working pressure	bar	280
Max. pressure	bar	350
Roller max. rev	rpm	2000-3000
Weight	kg	300



BFP2-70/T GRASS CUTTER WITH REAR ARM



MOD. BFP2-T - GB - Rev.1 04/11 The technical data are informative and not binding.



BFP2-70/T GRASS CUTTER WITH REAR ARM

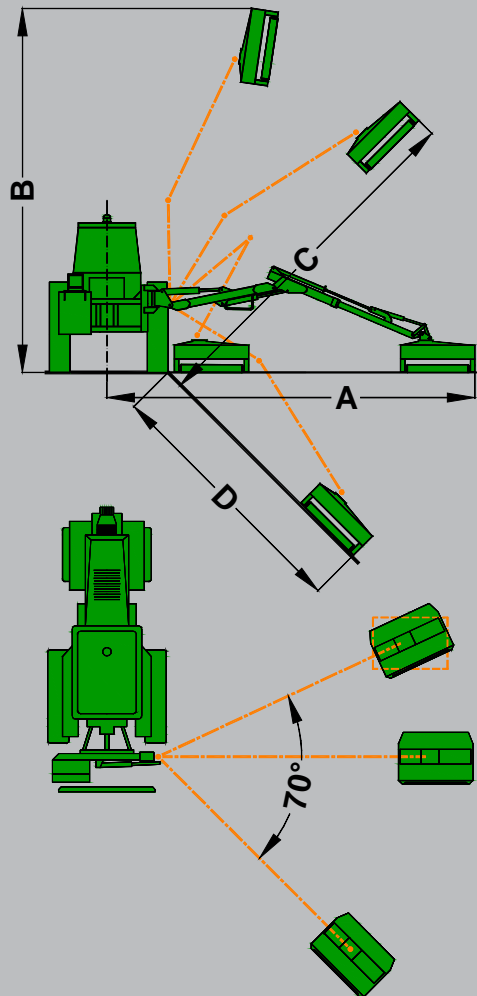


FOLDING DOWN ARM FOR ROAD TRANSFER

The hydraulic rotation system allows the arm to fold right down within the shape of the vehicle when driving on the road. The appliance is therefore easily homologated for road transfer.

WORKING RANGE

The wide working range means that the appliance can take-on very tricky positions, even right to the edge of the vehicle wheel to be able to keep as far to the right as possible in all circumstances.



ARM ROTATION

The wide rotation movement of the arm ensures shock-absorbing both when driving forwards and when reversing; it also enables the working position of the head to be moved forwards so that the operator has a better view.

Side cutting arm with two arms and last telescopic element made of highly resilient steel, to be positioned at the back of tractors with three-point coupling plate without any type of bracketing; completely self-sufficient hydraulic system driven by the rear power take-off of the host vehicle to operate the arms and the cutter carrying roller. The equipment is usually supplied with the ALL PURPOSE cutter head and is used to mow grass or small faushrubs on roadsides, banks, ditches, hedges and road slopes .

HYDRAULIC DISTRIBUTOR WITH CONTROLS IN THE CAB

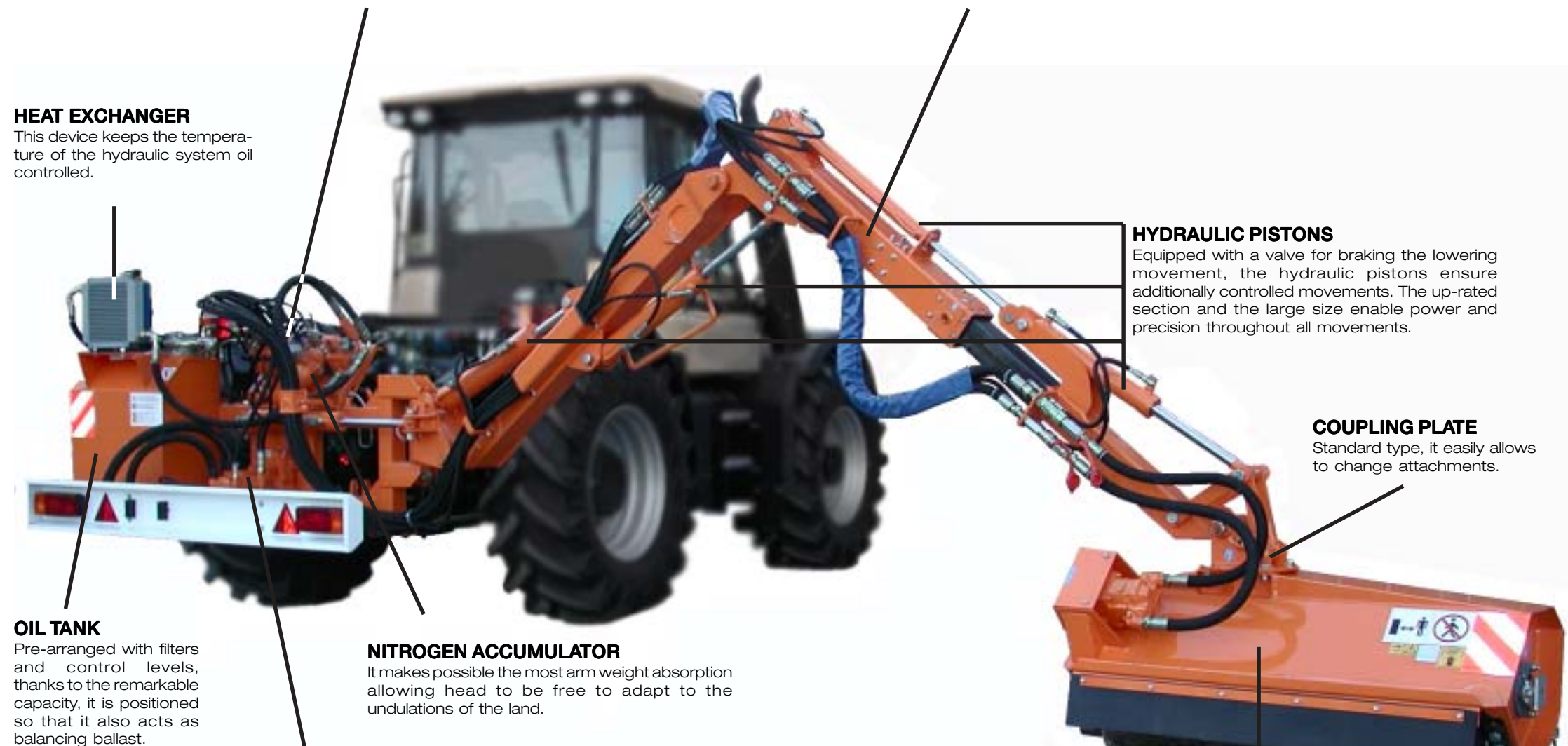
Secured to the frame it enables the movements of the boom via the sheathed controls and it also starts and stops the roller electrically.

ARTICULATED ARM SYSTEM

This system consists of two articulated elements and a telescopic end piece made of highly resilient steel, with stroke of roughly 900 mm. The telescopic arm runs along sliding blocks made of non-wearing and self-lubricating material, with very low friction coefficient.

HEAT EXCHANGER

This device keeps the temperature of the hydraulic system oil controlled.



OIL TANK

Pre-arranged with filters and control levels, thanks to the remarkable capacity, it is positioned so that it also acts as balancing ballast.

NITROGEN ACCUMULATOR

It makes possible the most arm weight absorption allowing head to be free to adapt to the undulations of the land.

HYDROSTATIC TRANSMISSION

Ensured by a closed circuit consisting of a high performance axial piston pump with variable capacity applied to an rpm booster operated by the power take-off of the host vehicle and by a high performance axial piston motor with exchanger valve and built-in purging system. The circuit is complete with two filters, one on the suction line and one on the discharge line to improve system cleaning. Pre-arranged with filters and control levels, thanks to the remarkable capacity, it is positioned so that it also acts as balancing ballast.



HYDRAULIC PISTONS

Equipped with a valve for braking the lowering movement, the hydraulic pistons ensure additionally controlled movements. The up-rated section and the large size enable power and precision throughout all movements.

COUPLING PLATE

Standard type, it easily allows to change attachments.

ALL PURPOSE CUTTER HEAD

Made of boxed sheet metal it is able to fit various types of cutters and is easily interchanged with other heads for various uses.

TECHNICAL DATA

	BFP2-70/T	
A	7000	mm
B	6940	mm
C	6790	mm
D	4970	mm
Working side	destro	
Telescopic elem. open width	900	mm
Weight	1350	kg