

PRESENTATION OF THE MACHINE

CHARACTERISTICS AND TECHNICAL DATA

ENGINE

Brand and model	Kubota	D 1703
Calibration Power at 2800 rpm	HP/Kw	34.5/25.4
Cylinders	Nº	3
Displacement	cm ³	1647
Cooling		water

HYDRAULIC SYSTEM:

Hydrostatic transmission with n.2 variable capacity pumps that each power, n. 2 fixed-cylinder hydrostatic motor reducers.

Negative command brakes on the motor reducers of the front axle wheels.

Main variable-cylinder axial piston pump	Lt/min	57.4 x 2
Auxiliary gear pump	Lt/min	39 x 1
Total capacity	Lt/min	153.8
Useful capacity for power takeoff (PTO)	Lt/min	39 a 180 bar
Max. operating pressure	bar	180

Hydraulic servo-controls with joy sticks for traversing and manoeuvre of arms and bucket.

Floating electrovalve to adjust the bucket to the ground

Safety electrovalve to block arm descent

Heat exchanger for the cooling of the hydraulic oil.

FRAME:

Chassis in box-type sheet steel and shaped

PERFORMANCE:

Weight when fully euppéd (including operator)	Kg	2000
Bucket capacity (SAE capacity m ³ 0.245)	Kg	450
Tear strength at tooth	daN	930
Thrust force	daN	1710
Transfer speed	Km/h	0÷10
Possible gradient	%	more than100
Autonomy	About hours	8

TYRES:

Type	27x8.50-15 - 6/8 PR
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