

TECHNICAL DATA

ENGINE

Brand and model	Kubota	V1505T
Calibration Power at 2800 rpm	HP/Kw	41/30
Cylinders	Nº	4
Displacement	cm ³	1498
Cooling		water

HYDRAULIC SYSTEM:

Hydrostatic drive with double axial piston pump and variable cylinders connected to two two-speed geared motors, one for each track roller.

Negative braking system on the geared motors

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 take off (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

Electro-valve for 2nd speed control

Heat exchanger for the cooling of the hydraulic oil.

Hydrostatic steering

FRAME:

Chassis in box-type sheet steel and shaped

RUBBER TRACKS:

Width	mm	250
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PERFORMANCE:

Weight when fully euppéd (including operator)	Kg	2220
Bucket capacity (SAE capacity m ³ 0.245)		
- 35% T.L. (*) ISO 14397/1-2	Kg	400
- 50% T.L. (*) ISO 14397/1-2	Kg	520
(*)T.L.= Tipping Load = Max load permitted by the machine with maximum working radius at tipping limit.		
Tear strength at tooth	daN	930
Lifting force at floor level	daN	1030
Transfer speed I/II	Km/h	4.5÷10
Possible gradient %		more than100
Specific ground pressure:		
- when empty	Kg/cm ²	0.33
- when loaded	Kg/cm ²	0.40
Autonomy	About hours	8