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Introducing the :
MHM - JOVISA JS500
 Fully Automatic Horizontal Baler

This fully automatic horizontal baling machine is capable of processing card, paper, plastics and RDF materials without preconditioning such as straw, lucerne, etc. and fodder in general. The main characteristic of this machine is the tying system which can be vertical or horizontal with press pressure 20 to 25 tonne and a bale weight of 440kg. Production up to 2.5 tonne per hour. Another characteristic that this model has is the possibility to divide a bale in two. This machine incorporates a system to divide bales and allows easy manual handling of the bales.



Description	Units	JS-500VL/20	JS-500VL/25
Force of pressing	Tn	20	25
Force of pressing	kW	7.5	15
No Hydraulic pumps/type	-----	1/Gears	1/Variable flow
Section of bale	mm	550x800	550x800
Section of hopper	mm	1200x800	1200x800
Volume of theoretical baling	m3/h	47.5	76
Theoretical Production According Calculations with density 500Kg/m3	Tn/h	2.3	3.8
Position of tying device	-----	Lateral/Vertical	Lateral/Vertical

Photographs for illustration purposes only

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MHM are sole distributors for sales & service for all Jovisa, S.L machines to the whole of the UK & Ireland





Motor Group	1 x 15 hp (11 kw)
Auxiliary Group	
Needle motor	3 hp (2.2 kw)
Automatic tying motor	2 hp (1.5 kw)
Total power rating of motor group	20 hp (14.7 kw)
Pumps	Constant power, variable flow.
Bale dimensions	500 x 800
Baler length	Electronically adjustable.
Feed hopper	1200 x 800
Approximate working pressure	210 kg/cm ²
Maximum working pressure	240 kg/cm ²
Pressure chamber volume	0.48 m ³
Theoretical baling capacity per hour	57.6 m ³ /h
Theoretical weight (with cardboard)	440 kg/m ³
Theoretical hourly production according To feed density with an operating Pressure of 220 kg/cm ²	
20 kg/m ³	1.1 Tn/h.
50 kg/m ³	2.9 Tn/h.
70 kg/m ³	4 Tn/h
90 kg/m ³	5.2 Tn/h
Cylinder power	25 Tn.
Specific power	6.25 Kg/Cm ²
Theoretical vacuum cycles	2.6 per minute
Channel jack	Automatic. Hydraulic
Knot extractor and conveyor	No.
Self convergence parallel channel	No.
Needle carriage	Vertical Optional.

No. of wires	3
Automatic tying device	Optional. Nugamatic system.
Stamper	No.
Hydraulic assembly	In a block. All external. Logic system.
Hydraulic oil tank	300 litres
Cooling	Water
Approximate weight of machine	4.5 Tn.
Total machine length	5.2 m
Hydraulic cylinder	Bronze guides fitted and chromium plates and lap jointed.
Electrical control	Programmable robot.
Electrical parts	Telemechanique.
Operating digital sensing	Diodes (led) for faults.
Maintenance and fault sensor	No.
No. of bales and working hours counter	No.
Bale length counter	No.
Machine loading control	Ultrasonic equipment.
Oil level at the tank	Yes. Visually.
Structure	Electrowelded.
Steel grade	A-42-B (4,200 kg/cm ²)
Gas welding type	CO2 atmosphere.
Welding type	Continuous wire.
Surface treatment	Steel sheet pickling.
Preparation treatment	Double priming layer at the rusting areas.
Finishing treatment	Ral 6017 green paint.
Motor protection	IP-55
Plates guides	Changeable
Production is variable according to materials used and whether preconditioned or not.	

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