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Introducing the :
MHM - JOVISA JS800
 Fully Automatic Horizontal Baler

This fully automatic horizontal baling machine like the JS-500 model 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 30 to 45 tonne and a bale weight of 470kg. A cord baling system can also be supplied with this machine to suit your individual needs. Production up to 4.5 tonne per hour.



Description	Units	JS-800VL/30	JS-800VL/35	JS-800VL/45
Force of pressing	Tn	30	35	45
Force of pressing	kW	11	14.7	18.4
No Hydraulic pumps/type	-----	1/Variable Flow	1/Variable flow	1/Variable flow
Section of bale	mm	720x800	720x800	720x800
Section of hopper	mm	1500x800	1500x800	1500x800
Volume of theoretical baling	m3/h	77	129	103
Theoretical Production According Calculations with density 500Kg/m3	Tn/h	3.8	6.4	5.2
Position of tying device	-----	Lateral/Vertical	Lateral/Vertical	Lateral/Vertical

Photographs for illustration purposes only

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JOVISA, S.L.
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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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