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Introducing the:
MHM - JOVISA JS1900
 Fully Automatic Horizontal Baler

The JS-1900 fully automatic horizontal baler will process large quantity's of cardboard, plastic, RDF or paper. This efficiently reliable fully automatic horizontal baler can be configured to suit your specific needs, with a ram pressure of 100 tonnes and bales upwards of 525kg. With either horizontal or vertical needles used for a unique automatic tying system. Like our other fully automatic horizontal balers we can supply this machine with a cord baling system or the standard steel wiring system.



Description	Units	JS-1900/110	JS-1900V/110	JS-1900V/110 Contenedor
Force of pressing	Tn	110	110	110
Force of pressing	kW	2x 44.1	2x 44.1	2x 44.1
No Hydraulic pumps/type	-----	2/Variable Flow	2/Variable flow	2/Variable flow
Section of bale	mm	1100x1000	1000x1100	720x1100
Section of hopper	mm	1900x1000	1500x800	1900x1100
Volume of theoretical baling	m3/h	400	400	249
Theoretical Production According Calculations with density 500Kg/m3	Tn/h	20	20	12.5
Position of tying device	-----	Lateral	Vertical	Vertical

Photographs for illustration purposes only

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MHM UK LTD

Unit C Royalty Ln, Swineshead, Boston PE20 3PJ
 Tel : +44 (0)1205 821522 Fax: +44 (0)1205 821554
 Email: sales@mhmukltd.com

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 Jovisa, S.L machines to
 the whole of the UK &
 Ireland

JOVISA, S.L.





Motor Group	2 x 60 hp (90 kw)
Auxiliary group	1 x 5.5 hp (4 kw)
Needle motor	5.5 hp (4 kw)
Automatic tying motor	3 hp (2.2 kw)
Total power rating motor group	134 hp (100.2 kw)
Pumps	2 Constant power, variable flow One of engagements.
Bale dimensions	1000 x 1100
Bale length	Electronically adjustable
Feed hopper	1900 x 1100
Pressure chamber	Recessed floor covered with 300 hb Steel sheets and fastened with bolts.
Approximate working pressure	210kg/cm ²
Maximum working pressure	280kg/cm ²
Pressure chamber volume	2.09 m ³
Theoretical baling capacity per hour	384 m ³ /h
Theoretical weight (with cardboard)	530kg/m ³
Theoretical hourly production according To filling density with an operating pressure of 200 kg/cm ²	
20 kg/m ³	7.6 Tn/h
50 kg/m ³	19 Tn/h
70 kg/m ³	27 Tn/h
90 kg/m ³	34 Tn/h
Cylinder power	110 Tn
Specific power	10 Kg/cm ³
Theoretical vacuum cycles	4.8 per minute
Approximate loading cycle	3.2 per minute
Channel jack	Automatic. Hydraulic
Knot extractor and conveyor	No
Self convergence parallel channel	No
Needle carriage	Vertical

Wire path	Automatic
No. of wires	5
Automatic tying device	Nugomatic system, moveable.
Stamper	Incorporate, vertical
Hydraulic assembly	In a block. All external. Logic system.
Hydraulic oil tank	2000 litres
Cooling	Air or water (optional).
Approximate weight of machine	26 Tn.
Total machine length	11 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	Electronic.
Bale length counter	With screen of great dimension.
Machine loading control	Ultrasonic equipment.
Oil level at the tank	Yes. Visually. With luminous electric and warning contact.
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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