



Space-saving stockholding
Fast goods turnover
Reasonable-priced transport

**RELIABILITY AND QUALITY
FOR MAXIMUM AVAILABILITY**

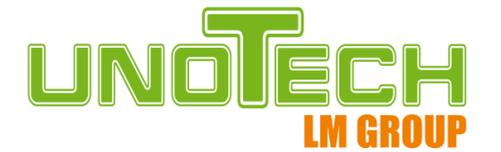
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CHANNEL BALING PRESSES SERIES

UPAMAT-V

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1. POWER PACK

- Energy efficient, robust power pack
- Alternatively with internal gear pumps or axial piston pumps
- Peak pressure main pumps up to 400 bar; operating pressure up to 310 bar
- Oversized auxiliary devices such as cooling and filtration
- By decoupling structure-borne sound a minimal noise level is reached
- Self diagnostic system for all power pack vital functions



2. HYDRAULIC BLOCK

- Oversized hydraulic bloc forged from steel
- Limited piping for extensive heat reduction
- All hydraulic valves by the current state of technology
- Fast working cycles with smooth platen transitions
- Block-type attachment direct to the main press cylinder for minimum of flow losses and ease of servicing for the highest degree of availability

3. PLATEN WITH GUIDES

- Fully enclosed press platen front face
- Top and side labyrinth seals
- Press ram has heavy roller and side-way guidance
- Full and anti-wear protection for all contact surfaces
- Pre-assembled knife system for max. cutting performance
- Knife change using **quick release System**



4. COUNTER KNIFE SYSTEM

- high efficient cutting system with corner knives suitable for all heavy material grades
- knife design leading to highest bale corner stability and for this reason to higher bale weights
- large clearing angle space above the knife edge
- quick release system for all parts of the knife system heavily exposed to wear and tear



5. STAMPER

- Press force 25 tons
- Easily accessible interchangeable heavy guides to accommodate off-centre loads
- Direct arrangement at top on counter knife mechanism
- Generously dimensioned valve technology for short response and operating times

6. TYING SYSTEM

- Binding cycle inside 7 seconds
- Suitable for wire thicknesses of 3.1 – 4.1 mm
- Wire insertion device at top and bottom
- Fully automatic wire-cutting device
- Crosswire tying system for all types available



7. WIRE PULL

- Four-point guidance for tying bridge
- Re-adjustable guides for tying bridge
- Quick-release System to replace wearing parts
- Wire-pull drive using twin-chain facility



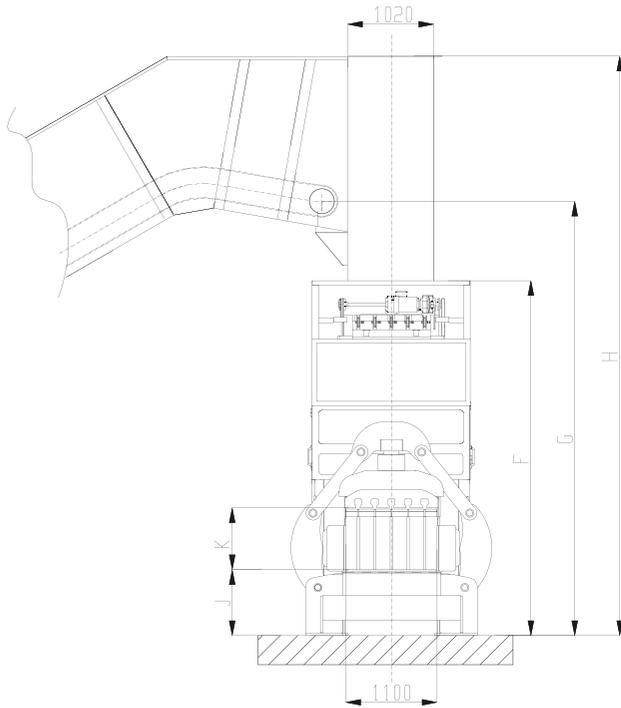
8. OPERATOR'S PANEL

- Secure operator/ user prompting
- Display of all states for operation and maintenance
- Menu management
- Safe/ secure handling for manual and autom. operation
- Fault display
- Flow-chart



TECHNICAL DATA

You get with unoTech channel baling press cost-effective production of bales, durable and highly compacted bales with literally form, the economic basis for space-saving stock-holding, fast goods turnover and reasonably-priced transport.



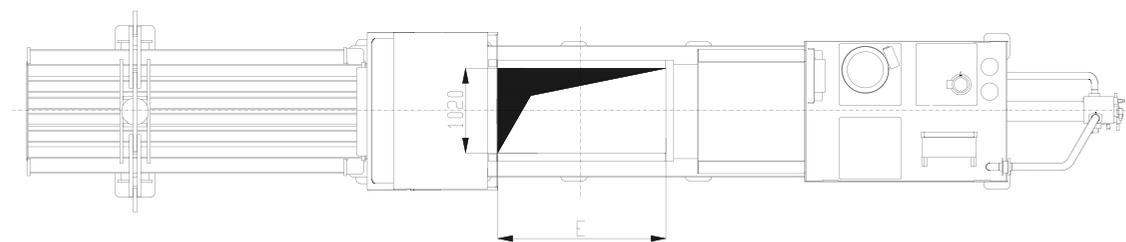
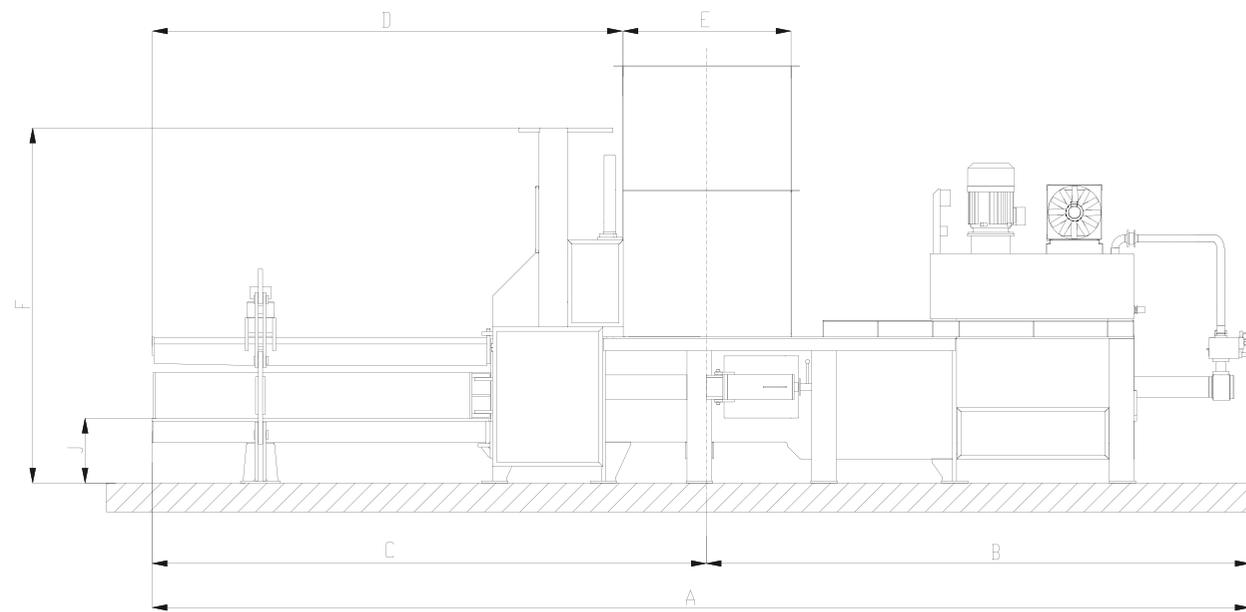
UPAMAT-V	60 V 4	70 V 4	80 V 4 / V 5	100 V 4 / V 5	120 V 5	150 V 5	200 V 5
Pressing force	520 kN	600 kN	650 kN	800 kN	1.000 kN	1.300 kN	1.600 kN
Max. cutting force	630 kN	720 kN	800 kN	990 kN	1.200 kN	1.500 kN	2.000 kN
Specific pressing force	76 N/cm ²	87 N/cm ²	97 N/cm ²	120 N/cm ²	145 N/cm ²	124 N/cm ²	165 N/cm ²
Feeding chute dimensions	1.400 x 1.020 mm	1.600 x 1.020 mm	1.800 x 1.020 mm	2.000 x 1.020 mm	2.000 x 1.020 mm	2.000 x 1.020 mm	2.000 x 1.020 mm
Channel dimensions	750 x 1.100 mm	750 x 1.100 mm	1.100 x 1.100 mm	1.100 x 1.100 mm			

Pump drive*	1 x 30 kW - 1 x 45 kW	1 x 45 kW - 1 x 75 kW	1 x 45 kW - 1 x 75 kW	2 x 55 kW - 2 x 75 kW	2 x 55 kW - 2 x 75 kW	2 x 55 kW - 2 x 75 kW - 3 x 75 kW	2 x 55 kW - 2 x 75 kW - 3 x 75 kW
20-30 kg/m ³	4,5 t/h 9,0 t/h	8,5 t/h 12,0 t/h	7,5 t/h 10,0 t/h	15,0 t/h 17,0 t/h	13,0 t/h 15,0 t/h	16,0 t/h 18,0 t/h 26,0 t/h	13,5 t/h 15,0 t/h 22,0 t/h
35-50 kg/m ³	7,0 t/h 14,5 t/h	14,0 t/h 19,0 t/h	11,0 t/h 16,0 t/h	22,0 t/h 26,0 t/h	20,0 t/h 23,0 t/h	26,0 t/h 30,0 t/h 42,0 t/h	20,0 t/h 23,5 t/h 36,0 t/h
60 kg/m ³	8,5 t/h 15,5 t/h	15,0 t/h 23,0 t/h	13,0 t/h 19,0 t/h	26,0 t/h 31,0 t/h	24,0 t/h 27,0 t/h	29,0 t/h 34,0 t/h 50,0 t/h	24,0 t/h 28,0 t/h 40,0 t/h
100 kg/m ³	11,0 t/h 22,0 t/h	21,5 t/h 32,0 t/h	20,0 t/h 29,0 t/h	40,0 t/h 47,0 t/h	37,0 t/h 44,0 t/h	44,0 t/h 52,0 t/h 70,0 t/h	37,0 t/h 45,0 t/h 61,0 t/h
Bale weights**	400 - 550 kg	420 - 580 kg	500 - 700 kg	500 - 800 kg	600 - 900 kg	1.100 - 1.700 kg	1.100 - 1.900 kg
Bale lengths	up to 1,80 m	up to 1,80 m	up to 2,00 m	up to 2,00 m			
Baler weight	approx. 19 t	approx. 20 t	approx. 27 t	approx. 32 t	approx. 35 t	approx. 54 t	approx. 55 t

* in terms of bulk weight and drive rating

** dependent on bulk weight and bale length

Subject to changes in design and dimensions



UNOTECH
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DIMENSIONS	A	B	C	D	E	F	G	H	J	K
60 V 4	9.675	4.879	4.796	4.087	1.400	3.980	3.600	5.120	520	750
70 V 4	10.075	5.179	4.896	4.087	1.600	3.980	3.600	5.120	520	750
80 V 4	11.383	5.948	5.435	4.530	1.800	3.980	3.600	5.120	520	750
100 V 4 / V 5	13.103	6.433	6.670	5.670	2.000	4.280	4.200	5.200	780	750
120 V 5	13.103	6.433	6.670	5.670	2.000	4.280	4.200	5.200	780	750
150 V 5	15.290	6.760	8.530	7.520	2.000	4.900	4.600	5.600	780	1.100
200 V 5	15.290	6.760	8.530	7.520	2.000	4.900	4.600	5.600	780	1.100