KĀDANT

MATERIAL PROCESSING

PACOMAT III Baler

D-Series

Kadant PAAL's PACOMAT III channel baling press with vertical wire tying system is ideal for various qualities of waste paper, cardboard, cartons, foils, and many other materials. This channel bale press is robust and fully automatic making it an economic baler option.

Kadant PAAL was founded in 1854 in Osnabrück, Germany. Since its introduction of the first continuously operated horizontal baler in 1960, PAAL has delivered more than 31,000 machines and today is the #1 channel baler manufacturer in Europe.

PACOMAT III Baler D-Series Overview

Features

- Optimised knife, stamper, and channel design
- Modern axial piston pumps with low drive power
- Densitronic control system for tunnel adjustment
- Modular feeding concept

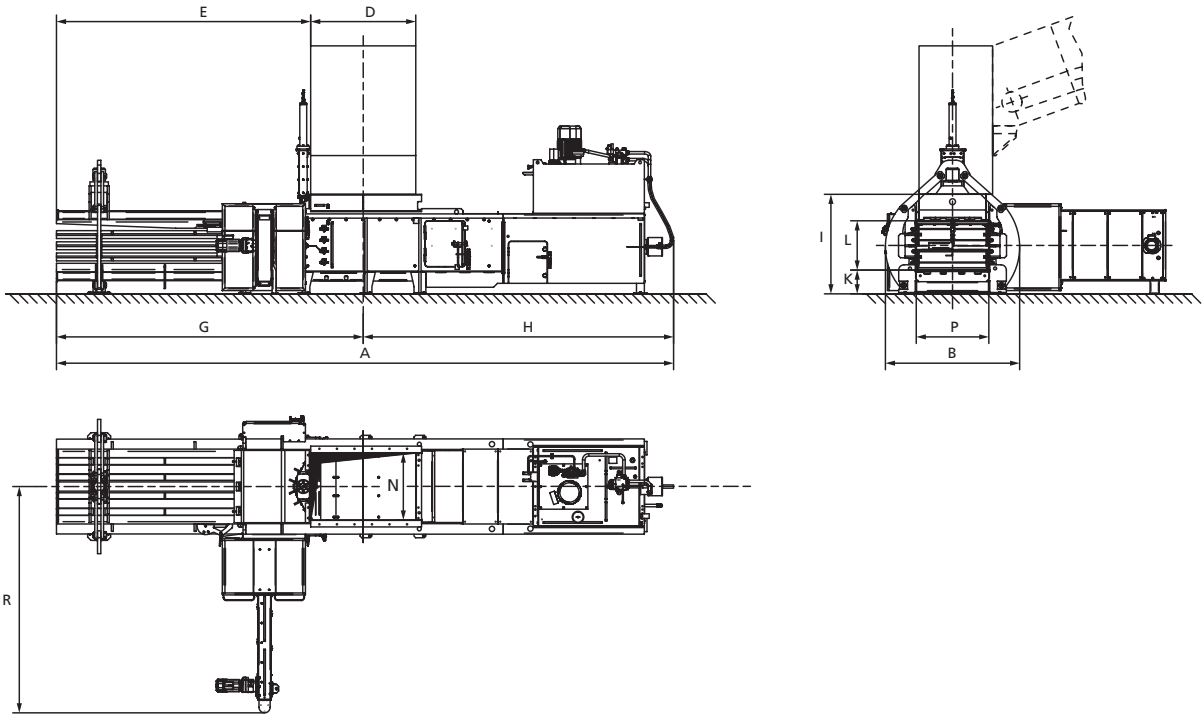
Benefits

- High throughput and bale weights
- Low energy consumption
- Quick response to various material grades

PAAL®

Technical Data and Measurements

PACOMAT III D-Series		III-50D				III-65D						III-80D							
Pressing force	t (kN)	50 (486)				65 (633)						82 (802)							
Spec. pressing force	N/cm²	59				77						97							
Hydraulic reference pressure	bar	315				315						315							
Tunnel cross section	cm	75 x 110				75 x 110						75 x 110							
Hopper opening	cm	125 x 102				145 x 102						160 x 102							
Feeding volume	ca.m³	1,55				1,75						1,85							
Number of wires	pieces	4				4						4							
Driving power	kW	15	22	37	45	15	22	37	45	55	75	15	22	37	45	55	75	2 x 37	2 x 45
Hydraulic pump flow	l/mn	160	160	260	260	160	160	260	260	260	260	160	160	260	260	420	420	520	520
Oil reservoir capacity	l	550	550	750	750	550	550	750	750	750	750	550	550	750	750	1250	1250	1250	1250
Maximum performance without material	max. m³/h	422	422	617	617	339	339	505	505	742	742	275	275	416	416	624	624	741	741
Press Capacity (Weight)																			
• 15 kg/m³ (e.g. foil)	ca. t/h	2,3	2,8	4,2	4,6	1,9	2,4	3,7	4,0	5,2	5,9	1,6	2,0	3,2	3,5	4,6	5,2	5,7	6,2
• 35 kg/m³ (e.g. flattened OCC)	ca. t/h	5,1	6,4	9,6	10,4	4,4	5,4	8,3	9,0	11,8	13,3	3,8	4,6	7,2	7,8	10,4	11,8	12,8	13,8
• 60 kg/m³ (e.g. mixed paper)	ca. t/h	6,9	8,6	12,8	14,0	5,9	7,3	11,1	12,2	15,6	17,7	5,0	6,3	9,8	10,8	14,0	16,1	17,2	18,7
• 80 kg/m³ (e.g. mixed paper)	ca. t/h	10,0	12,7	19,0	21,0	8,3	10,6	16,0	17,7	22,0	25,4	7,5	9,4	14,5	15,9	20,3	23,3	24,7	26,8
Baler weight (dependent on options)	t	12				13						17							
Sound level without material at 1 m distance	dB(A)	< 85				< 85						< 85							



	A	B	D	E	G	H	I	K	L	N	P	R
PACOMAT III-50D	8172	2030	1250	3475	4100	4072	1475	310	750	1020	1100	3445
PACOMAT III-65D	8826	2030	1450	3720	4445	4381	1475	310	750	1020	1100	3445
PACOMAT III-80D	9410	2044	1600	3870	4670	4740	1515	350	750	1020	1100	3445

Dimensions are in millimetres.

Specifications are for reference only and subject to change.

KADANT PAAL LIMITED
Lydford Road Meadow Lane Industrial Estate
Alfreton, Derbyshire DE55 7RQ
United Kingdom

Tel: +0845 519 0366
www.kadantpaal.com

PACOMAT III Baler D-Series-1004 (BR EN) 08/2020
Replaces all previous versions