

# HTR-C Baler

## Two-Ram Baler for MSW and RDF, C - Series



Kadant PAAL's HTR fully automatic, high-compression two-ram baler is a multipurposed baler for compacting municipal solid waste (MSW); refuse derived fuel (RDF); recyclable material such as plastics, carton, and paper into high density bales. The HTR baler compresses material with pressing force of 120 to 200 tons in a closed press box providing maximum bale weights. Its tying system, attached separate from the compression process, prevents disturbance to operation due to contamination.

Today's Kadant PAAL GmbH was founded as the PAAL printing works in 1854 in Osnabrück, Germany before concentrating on manufacturing balers in 1906 since when it has delivered more than 31,000 machines. PAAL launched the first continuously operated horizontal baler in 1960 and today is firmly established as the #1 channel baler manufacturer in Europe.

### HTR Baler Overview



#### Features

- Automatic binding with polyester straps incorporated on the telescopic tunnel
- Binding process is carried out during compaction process of next bale
- Multi-functional 12" touch-panel with recipe management and comprehensive display of functions and data



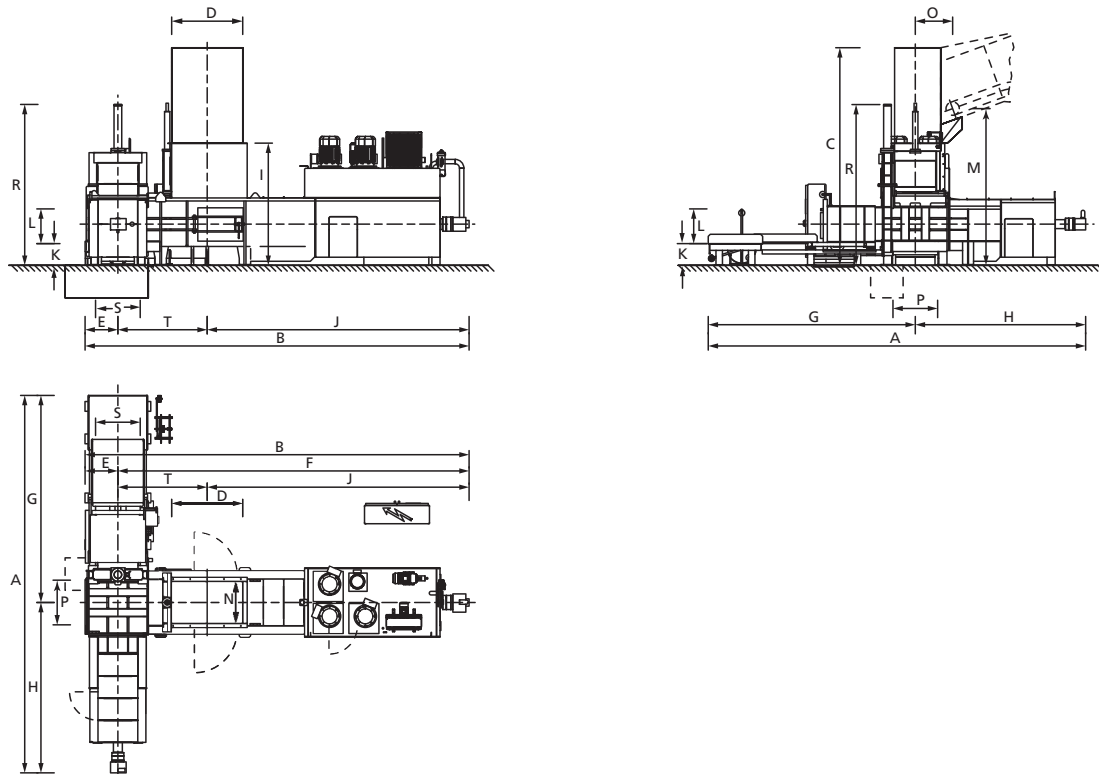
#### Benefits

- Low operating costs from lower transportation and lower consumable costs
- Easy operation

**PAAL**®

## Technical Data and Measurements

HTR-C Series		425			525			625		700	
Pressing force	t (kN)	122 (1.197)			158 (1.546)			198 (1.940)		198 (1.940)	
Spec. pressing force	N/cm <sup>2</sup>	136			186			233		160	
Hydraulic reference pressure	bar	315			315			315		315	
Hopper opening (L x W)	cm	175 x 102			175 x 96			175 x 96		200 x 102	
Press box dimension (H x W x L)	cm	80 x 110 x 94			80 x 104 x 94			80 x 104 x 94		110 x 110 x 94	
Bale dimensions (H x W x L)	cm	84 x 112 x 120			84 x 106 x 120			84 x 106 x 120		115 x 112 x 120	
Bale volume	m <sup>3</sup>	1,12			1,06			1,06		1,50	
Number of straps	pieces	6 or more			6 or more			6 or more		6 or more	
Driving power	kW	55	2 x 55	3 x 55	55	2 x 55	3 x 55	2 x 55	3 x 55	2 x 55	3 x 55
Hydraulic pump flow	l/min	420	2 x 420	3 x 420	420	2 x 420	3 x 420	2 x 420	3 x 420	2 x 420	3 x 420
Oil reservoir capacity	l	1250	2100	3100	1250	2100	3100	2100	3100	2100	3100
<b>Press Capacity (Weight)</b>											
• RDF (150 kg/m <sup>3</sup> )	ca. t/h	22	34	40	17	28	34	27	33	35	45
• RDF (200 kg/m <sup>3</sup> )	ca. t/h	27	41	49	21	34	41	28	36	43	55
• MSW (200 kg/m <sup>3</sup> )	ca. t/h	23	37	45	-	-	-	-	-	38	48
• MSW (250 kg/m <sup>3</sup> )	ca. t/h	25	42	48	-	-	-	-	-	43	55
Baler weight (dependent on options)	tonnes	43			43			46		50	
Sound level without material at 1 m distance	dB(A)	< 85									



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	R	S	T
HTR 425	9390	9480	5360	1750	810	8670	5100	4280	3010	6470	535	800	3835	1020	920	1100	3963	940	2200
HTR 525	9645	10040	5360	1750	908	9158	5205	4445	3010	6794	535	800	3835	1020	920	1040	4068	940	2365
HTR 625	9645	10120	5360	1750	908	9215	5205	4445	3010	6850	535	800	3835	1020	920	1040	4068	940	2365
HTR 700	9645	10395	5640	2000	908	9486	5205	4445	3290	6996	535	1080	4115	1020	920	1100	4908	940	2490

Dimensions are in millimetres.

Specifications are for reference only and subject to change.