

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 134 to 218 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



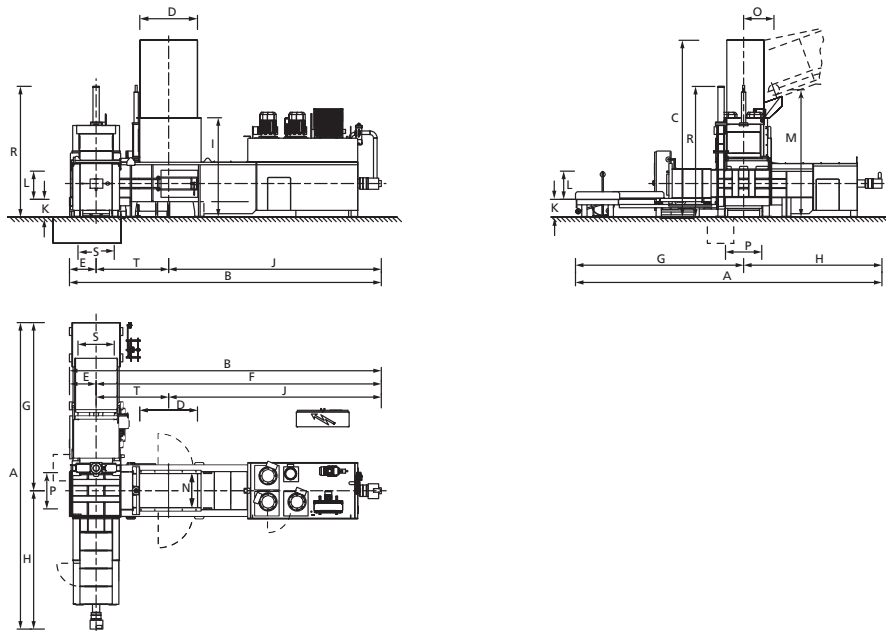
Benefits

- 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	US tons	134			174			218		218	
Spec. pressing force	psi	197			255			319		232	
Hydraulic reference pressure	psi	4569			4569			4569		4569	
Hopper opening (L x W)	inch	69 x 41			69 x 38			69 x 38		79 x 41	
Press box dimension (H x W x L)	inch	32 x 44 x 37			32 x 41 x 37			32 x 41 x 37		44 x 44 x 37	
Bale dimensions (H x W x L)	inch	34 x 44 x 47			34 x 42 x 47			34 x 42 x 47		46 x 44 x 47	
Bale volume	ft ³	39,5			37,4			37,4		52,9	
Number of straps	pieces	6 or more			6 or more			6 or more		6 or more	
Driving power	HP	74	2 x 74	3 x 74	74	2 x 74	3 x 74	2 x 74	3 x 74	2 x 74	3 x 74
Hydraulic pump flow	gal/min	111	2 x 111	3 x 111	111	2 x 111	3 x 111	2 x 111	3 x 111	2 x 111	3 x 111
Oil reservoir capacity	gal	330	1031	1372	330	1031	1372	1031	1374	1031	1372
Press Capacity (Weight)											
• RDF (9 lb/ft ³)	ca. US t/h	24	37	44	19	31	37	30	36	39	50
• RDF (12 lb/ft ³)	ca. US t/h	30	45	54	23	37	45	31	40	47	61
• MSW (12 lb/ft ³)	ca. US t/h	25	41	50	-	-	-	-	-	42	53
• MSW (16 lb/ft ³)	ca. US t/h	28	46	53	-	-	-	-	-	47	61
Baler weight (dependent on options)	US tons	47			47			51		55	
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	30' 3"	31'	17' 7"	5' 8"	2' 7"	28' 4"	16' 8"	13' 6"	9' 10"	21' 1"	1' 9"	2' 7"	12' 6"	3' 4"	3'	3' 7"	13'	3' 1"	7' 2"
HTR 525	31' 8"	32' 11"	17' 7"	5' 9"	3'	30' 1"	17' 1"	14' 7"	9' 11"	22' 4"	1' 9"	2' 8"	12' 7"	3' 4"	3'	3' 7"	13' 4"	3' 1"	7' 9"
HTR 625	31' 8"	33' 2"	17' 7"	5' 9"	3'	30' 3"	17' 1"	14' 7"	9' 11"	22' 6"	1' 9"	2' 8"	12' 7"	3' 4"	3'	3' 7"	13' 4"	3' 1"	7' 9"
HTR 700	30' 10"	33' 6"	18' 6"	6' 6"	2' 11"	30' 6"	17'	13' 10"	10' 9"	22' 4"	1' 9"	3' 6"	13' 6"	3' 4"	3'	3' 7"	16' 1"	3' 1"	8' 2"

Dimensions are in feet and inches.

Dimensions are for reference only and subject to change.