

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



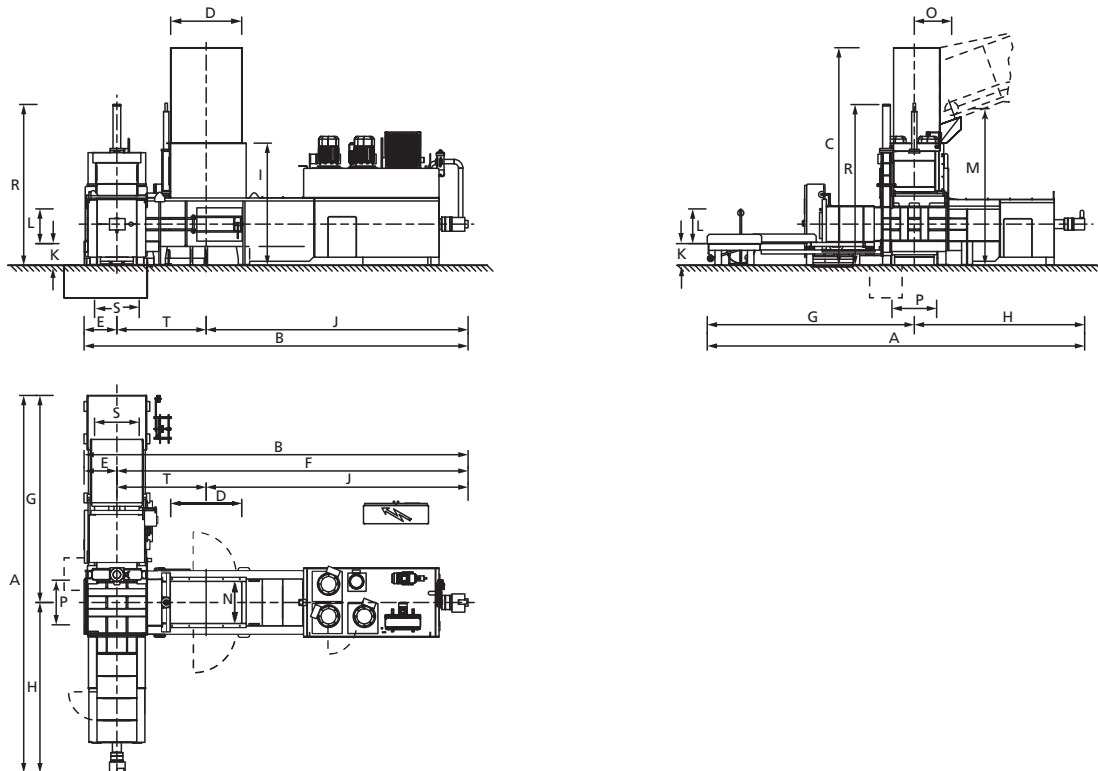
Benefits

- 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 ² | 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 ³ | 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 |
| Press Capacity (Weight) | | | | | | | | | | | |
| • RDF (150 kg/m ³) | ca. t/h | 22 | 34 | 40 | 17 | 28 | 34 | 27 | 33 | 35 | 45 |
| • RDF (200 kg/m ³) | ca. t/h | 27 | 41 | 49 | 21 | 34 | 41 | 28 | 36 | 43 | 55 |
| • MSW (200 kg/m ³) | ca. t/h | 23 | 37 | 45 | - | - | - | - | - | 38 | 48 |
| • MSW (250 kg/m ³) | 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.