



>> A VARIED DIET

A team of IPS Balers handles a wide variety of paper grades at Royal Paper Stock Co. Inc. in Columbus, Ohio.

Variety isn't just the spice of life at Royal Paper Stock Co. Inc. in Columbus, Ohio, it's a way of life. Though the company has made its name primarily as a high-grade paper recycling operation since its 1954 founding, in reality, Royal Paper Stock handles bulk grades, office pack and just about everything in between.

The company purchased two balers from IPS Baler Corp., headquartered in Baxley, Ga., in 2007 to handle such a diverse diet of recovered paper—a Model TR-1388-100S w/ LID Two-RAM and a Model AT-965- HS-100S Hinge-Side Auto-Tie. Both have been put to work baling a number of different grades, according to Plant Manager Junior Litton. Litton says the hinge-side typically handles the company's sorted office paper, filestock and news, while the 2-RAM tackles boxboard and “just about everything else.”

Furthermore, the transition between each grade is smoothed by the balers' programming feature. “It's pre-programmed for each different grade,” says Litton. “We just clean the machine up and go to work.”

In addition, the baler team from IPS has helped Royal Paper Stock achieve heavier, denser bales than the company saw with its previous baling equipment. “They run about 1,200 to 1,300 pounds a piece,” Litton says of the bales produced by the IPS machines.

The company's old balers just weren't producing the dense, even, export-quality bales Royal Paper Stock needed, according to Rich Dahn, the

company's vice president. “Now we have denser bales, and they fit the containers better,” Dahn says. “It's really opened the export world to us.”

The denser bales have also helped Royal Paper Stock improve safety, Dahn adds. “The bales are denser and the integrity has improved, so we can stack them more efficiently and safely.”

Problems with the machines have been few and far between, but the crew at IPS is quick to respond when questions do arise, Dahn says.

Litton also has high praise for the IPS compression-lid feature, which he says has “just about eliminated shearing.” He has also been impressed by the balers' construction. “The quality is just superior to anything that we'd experienced prior,” he says.



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CONQUEST AUTO-TIE HINGE-SIDE™ BALER SPECIFICATIONS

TWO RAM

Model	Conquest AT-765 HS-30/50	Conquest AT-865 HS-50/75	Conquest AT-965 HS-100S	Conquest AT-1080 HS-100S	TR-1388 100S
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HYDRAULIC					
Main Cylinder	7" Bore 178 mm	8" Bore 203 mm	9" Bore 229 mm	10" Bore 254 mm	13" bore 330 mm
System Pressure	3000 PSI 207 Bar	3000 PSI 207 Bar	3000 PSI 207 Bar	3000 PSI 207 Bar	3200 PSI 220 bar
Total Force Metric Ton	115,400 LB 52 t	150,800 LB 69 t	190,800 LB 87 t	235,500 LB 107 t	424,530 LB 193 t
Ram Face Pressure	93 PSI 6.4 Bar	120 PSI 8.3 Bar	162PSI 11.2 Bar	187PSI 12.9 Bar	253 PSI 17.4 bar
Hinge Side Cylinder-HS Ejector Cylinder-TR	4" Bore 127 mm	5" Bore 127 mm	7" Bore 178 mm	7" Bore 178 mm	9" bore 229 mm

ELECTRICAL					
Main Motor	30/50 HP 22.5/37 kW	50/75 HP 37/56 kW	100 HP 75 kW	100 HP 75 kW	100 HP 75 kW
Cooler Fan Motor-HS Strapper Pump Motor-TR	1 HP .7 kW	1 HP .7 kW	3 HP 2.2 kW	3 HP 2.2 kW	10 HP 7.5 kW

STRUCTURAL					
Length Overall	32 ft 4 in 9.8 meter	32 ft 4 in 9.8 meter	32 ft 4 in 9.8 meter	34 ft 10 in 10.6 meter	36 ft 11 meter
Width Overall	13 ft 4 in 4 meter	13 ft 4 in 4 meter	13 ft 4 in 4 meter	13 ft 4 in 4 meter	21 ft 6.4 meter
Charge Hopper Height	123 in 3.1 meter	123 in 3.1 meter	123 in 3.1 meter	123 in 3.1 meter	90 in 2.3 meter
Hopper Opening	66 in W x 60 in L 1676 mm x 1524 mm	66 in W x 60 in L 1676 mm x 1524 mm	66 in W x 60 in L 1676 mm x 1524 mm	66 in W x 72 in L 1676 mm x 1828 mm	72 in W x 96 in L 1829 mm x 2438 mm
Charge Box Opening	54 in W x 60 in L 1372 mm x 1524 mm	54 in W x 60 in L 1372 mm x 1524 mm	54 in W x 60 in L 1372 mm x 1524 mm	54 in W x 72 in L 1372 mm x 1828 mm	57.5 W x 96" L 57.5 W x 90" L w/LID

PERFORMANCE					
Bale Size Expanded Metric	30 in Wide x 45 in High x 60 in Long 762 mm Wide x 1143 mm High x 1524 mm Long				30 in H x 45 in W x 64 in L 762 mm x 1143 mm x 1625
Bale Weight OCC	Up to 1300 LB 590 KG	Up to 1375 LB 612 KG	Up to 1450 LB 658 KG	Up to 1500 LB 680 KG	Up to 1500 LB 680 KG
Bale Weight NEWS	Up to 1400 LB 630 KG	Up to 1400 LB 630 KG	Up to 1450 LB 660 KG	Up to 1600 LB 720 KG	Up to 1700 LB 771 KG
Bale Weight UBC	Up to 600 LB 270 KG	Up to 600 LB 270 KG	Up to 700 LB 320 KG	Up to 900 LB 410 KG	Up to 1200 LB 544 KG
Bale Weight PET	Up to 900 LB 408 KG	Up to 900 LB 408 KG	Up to 950 LB 430 KG	Up to 1000 LB 453 KG	Up to 1300 LB 590 KG
Bale Weight Misc. ALUMINUM	N/A	N/A	N/A	Up to 1900 LB 864 KG	Up to 1700 LB 771 KG

As part of our continuing product improvement and quality assurance programs, specifications are subject to change without notice and without incurring responsibility for units previously sold. Weights will vary based on material infeed density.

Two Ram Strapper-
U. S. Wire Tie Systems
Model 331 Standard /
Other Models Available

Other TR Models Available
Pre-compression Lid (Optional)



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