



FACILITATING GROWTH

Magic City Enterprises, Cheyenne, Wyo., cuts out overtime and ships more loads using its IPS baler.

Since 1971, Magic City Enterprises, Cheyenne, Wyo., has been providing services to people with developmental disabilities. The nonprofit organization began operating its Eco Center in 1991, employing people with disabilities to separate and sort recyclables for the city of Cheyenne, area businesses and F.E. Warren Air Force Base.

Prior to March of this year, Magic City's Eco Center operated a manual-tie baler, which had trouble keeping up with the 550 tons of material the facility received per month, mostly in the form of OCC (old corrugated containers) and ONP (old newspapers). At that time the nonprofit added an AT-865-HS-50 Hinge-Side Auto-Tie Baler and a 60-Inch Wide Conveyor from IPS Baler, Baxley, Ga.

Magic City worked with IPS dealer J.R. Fulmer of JDM Equipment Inc., Denver, to install the baler. "J.R. sold us on the baler. He told us what it could do and how we could get more bales and loads out," says Mac McCracken of Magic City Enterprises.

The new IPS baler has positioned Magic City's Eco Center for future growth, says Regina Meena, Magic City development director, enabling the nonprofit to begin servicing a new community 50 miles north of Cheyenne while also eliminating overtime.

"We had close to 40 hours of overtime per month to try to maintain loads of product," Meena says of the Eco Center's old baler. The IPS baler, however, keeps up with the incoming volume of ONP and OCC

without losing a beat, says Mike Kenworthy of Magic City Enterprises. The old manual-tie baler took 20 minutes to create a bale of OCC, while the IPS baler typically takes seven minutes, Kenworthy says.

"The IPS baler is a good fit for us. It has the productivity and capacity to handle the materials that we have," Meena adds.

The staff at the Eco Center also appreciates the density of the bales, which weigh 1,700 to 1,900 pounds on average for ONP and 1,100 to 1,200 pounds for OCC with dimensions of 30 inches by 45 inches by 60 inches, Kenworthy says. "It packs a lot tighter than the old baler."

Since adding the IPS baler to its operation, the Eco Center has been able to ship an additional four to five truckloads per month, McCracken says. "The new baler has helped Magic City get to the next level. It's doubled—almost tripled—some of our outputs."



IPS Balers, Mfg.

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CONQUEST AUTO-TIE HINGE-SIDE™ BALER SPECIFICATIONS

Model	Conquest AT-765 HS-30/50	Conquest AT-865 HS-50/75	Conquest AT-965 HS-100S	Conquest AT-1080 HS-100S
HYDRAULIC				
Main Cylinder	7" Bore 178 mm	8" Bore 203 mm	9" Bore 229 mm	10" Bore 254 mm
System Pressure	3000 PSI 207 Bar	3000 PSI 207 Bar	3000 PSI 207 Bar	3000 PSI 207 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
Ram Face Pressure	93 PSI 6.4 Bar	120 PSI 8.3 Bar	162PSI 11.2 Bar	187PSI 12.9 Bar
Hinge Side Cylinder	4" Bore 127 mm	5" Bore 127 mm	7" Bore 178 mm	7" Bore 178 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
Cooler Fan Motor	1 HP .7 kW	1 HP .7 kW	3 HP 2.2 kW	3 HP 2.2 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
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
Charge Hopper Height	123 in 3.1 meter	123 in 3.1 meter	123 in 3.1 meter	123 in 3.1 meter
Hopper Opening	66 in W x 60 in L 1676 mm W x 1524 mm L	66 in W x 60 in L 1676 mm W x 1524 mm L	66 in W x 60 in L 1676 mm W x 1524 mm L	66 in W x 72 in L 1676 mm W x 1828 mm L
Charge Box Opening	54 in W x 60 in L 1372 mm W x 1524 mm L	54 in W x 60 in L 1372 mm W x 1524 mm L	54 in W x 60 in L 1372 mm W x 1524 mm L	54 in W x 72 in L 1372 mm W x 1828 mm L
PERFORMANCE				
Bale Size Expanded	30 in (762 mm) Wide x 45 in (1143 mm) High x 60 in (1524 mm) Long			
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
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
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
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
Bale Weight Misc. ALUMINUM	N/A	N/A	N/A	Up to 1900 LB 864 KG

Standard Features:

- Bales High-Grade Paper Without Fluffing
- Large Charge Box Opening
- Export Bale Size and Density
- Pre-Compression Virtually Eliminates Shearing
- Allen-Bradley Logic Controller

Available Options:

- Oil Cooler
- Conveyor Controls
- Feed Hopper Extensions
- Oil Heater
- Baling Wire

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.



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