



DYNAMIC DUO

Two IPS 2-Ram balers make quick work of SP Recycling's paper, plastic.

With hundreds of tons of material coming through SP Recycling's facilities every day, the company needed a baler that could keep up. What the company found from IPS Balers Mfg, Baxley, Ga., was a machine that not only keeps up with, but also surpasses its expectations.

The difference in productivity since two IPS TRBT-1388-200 Model 2-Ram balers went to work at SP's Atlanta and Louisville, Ky., facilities is like night and day. "In Louisville, especially, they could never catch up. Now, at the end of the day, the floor is clean," he says. Darrin Hardy, the general manager of the Louisville plant, says that the production rates have been impressive for all the materials SP Recycling handles. For the main materials baled, Hardy says the IPS 2-Ram is achieving rates of about 18-20 tons per hour of OCC, 25 tons per hour of mixed paper and anywhere from 10-14 tons per hour of PET and HDPE.

Hardy also says the IPS 2-Ram produces extremely dense bales, which is particularly useful when baling the PET for export. "We're able to cube out an export container at 42,000 pounds," he says.

Part of what makes the IPS TRBT-1388-200 among the fastest 2-Ram balers in the world is the patented bale tie system, which essentially allows for continuous baling. The machine creates a bale in the baling chamber, and once it's complete, it is moved into another chamber where it is tied. The machine then begins making another bale while the first is being tied and ejected. "You've got two bales being made at the same time," says Hardy. "It's non-stop."

Hardy also has high praise for the pre-compression lid. "You can make bales of plastic with as few as five strokes a gather," he says. "The plastic production is just out of this world."

In addition, the TRBT-1388-200 2-Ram is entirely automated-no baler operator required.

Ford Chambers, SP Recycling's regional manager, says while maintenance issues have been few and far between, IPS has excelled when parts are needed. "They also follow up, make sure you received [the part], got it installed and that it's up and running."

Hardy has also been impressed with IPS' commitment to service. "I've called those guys as late as 3 p.m. or 4 p.m., and we'll still have [the part] by 6 a.m. the next day," he says. "They've even offered to drive a piece up-you don't get that kind of service just anywhere."



IPS Balers, Mfg.

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2-RAM BALE TIE BALER SPECIFICATIONS

Model	TR-1388 BT 100	TR-1388 BT 200
HYDRAULIC		
Main Cylinder	13" bore 330 mm	13" bore 330 mm
System Pressure	3200 PSI 220 bar	3200 PSI 220 bar
Total Force Metric Ton	424,530 LB 193 t	424,530 LB 193 t
Ram Face Pressure	253 PSI 17.4 bar	253 PSI 17.4 bar
Bale Door Cylinder	8" bore 203 mm	8" bore 203 mm
Ejector Cylinder	9" bore 229 mm	10" bore 254 mm
Pre-compression Lid Cylinder (Optional)	8" bore 203 mm	8" bore 203 mm
Strapper	L&P or Accent Wire-Tie System	

ELECTRICAL		
Main Motor	100 HP 75 kW	200 HP** 150 kW
Strapper Pump Motor	10 HP 7.5 kW	15 HP 11.2 kW

STRUCTURAL		
Length Overall	38 ft 11.6 meter	38 ft 11.6 meter
Width Overall	26 ft 7.9 meter	26 ft 7.9 meter
Charge Hopper Height	90 in 2.3 meter	90 in 2.3 meter
Hopper Opening	72 in W 96 in L 1829 mm W 2438 mm L	72 in W 96 in L 1829 mm W 2438 mm L

TR-1388BT 100 MATERIAL	Material Infeed Density PCF	Bale Weight LB	Density PCF Baled	Output Tons per Hour	Output w/Lid Tons per Hour
OCC	2.5-4	up to 1600	up to 32	up to 20	up to 20
NEWS	6-8	up to 1700	up to 34	up to 30	up to 31
PET	.75-4	up to 1350	up to 25	up to 8	up to 10
UBC	1.5-4	up to 1200	up to 24	up to 15	up to 16
SOLID WASTE	8-12	up to 2500	up to 50	up to 36	up to 37

TR-1388BT 200 MATERIAL	Material Infeed Density PCF	Bale Weight LB	Density PCF Baled	Output Tons per Hour	Output w/Lid Tons per Hour
OCC	2.5-4	up to 1600	up to 32	up to 27	up to 28
NEWS	6-8	up to 1700	up to 34	up to 38	up to 42
PET	.75-4	up to 1350	up to 25	up to 10	up to 12
UBC	1.5-4	up to 1200	up to 24	up to 18	up to 20
SOLID WASTE	8-12	up to 2500	up to 50	up to 48	up to 50

IPS Bale-Tie has **NO EQUAL**

- **Bales + Ties Simultaneously** = Highest Thru-put.
- **100% main RAM penetration** = Maximum Bale Density and Maximum Bale Weight.
- **Patented Pre-compression Lid** = No Baler Operator Required + up to **Twice** the Thru-put on Materials such as PET, HDPE and Aluminum and Steel Cans.

When your baling needs call for a multi-material baler, the *patented* IPS 2-Ram Bale-Tie *has no equal*.

The Bale-Tie delivers maximum thru-put and maximum bale density with plastic, fiber, non-ferrous and ferrous containers.

PERFORMANCE	100	200
Bale Size	45 in W x 30 in H x 62-64 L	45 in W x 30 in H x 62-64 L
Bale Volume	50 cubic ft expanded (approx.)	50 cubic ft expanded
Dry Cycle Time	32 seconds (no load w/ lid)	17 seconds (no load w/ lid)

Standard Features:

- Programmable Controller with Phone Modem
- Oil Cooler and Oil Heater
- Bale Door / Relief System
- Wye-Delta Starting
- Hydraulic Flooded Suction Pumps

Available Options:

- Conveyor Controls
- Feed Hopper Extensions
- Material Fluffers
- Baling Wire
- ASI System
- Smart Report
- Contact Factory for Other Options

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 100 HP motors



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