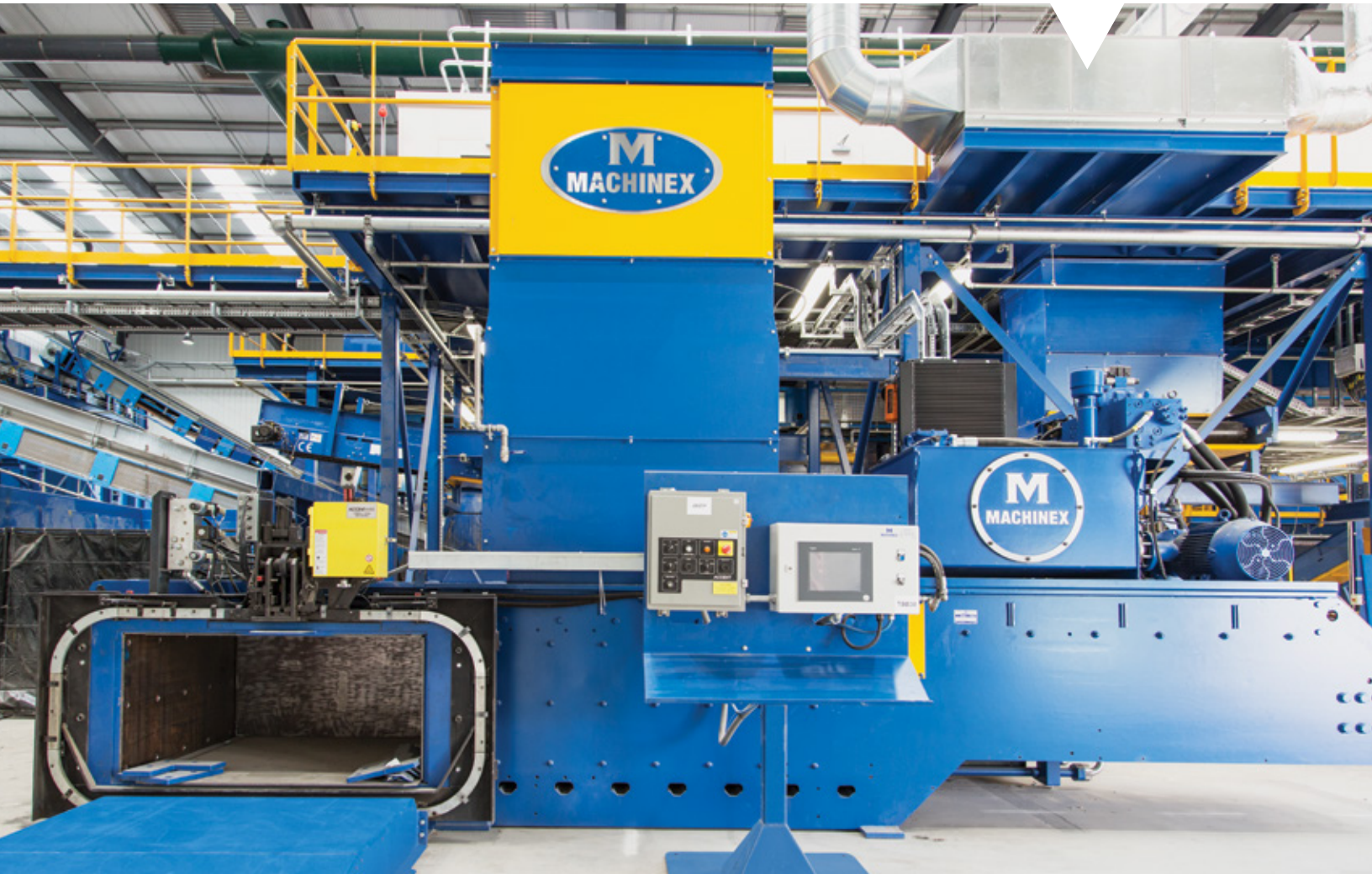


II-RAM BALER

MTR | 195 | 235

M MACHINEX

Experience Results



A Fast Multi-Purpose Two-Ram Baler that Maximize Density while Reducing Operating Cost.



CONSTRUCTION

Bolt-On Liners for Easy Maintenance

- ▶ Floor
- ▶ Side walls
- ▶ Gathering area
- ▶ Compressing area
- ▶ Made from abrasive resistant steel, 5 times more than the industry standards

Single Plate Frame Construction

- ▶ Maximum strength
- ▶ Minimal welded joints

FEATURES & OPTIONS

ADJUSTABLE SHEAR BLADE

- ▶ A well-adjusted shear results in :
 - Reduced wear on floor
 - Reduced demand on hydraulic system
 - Lower maintenance cost
- ▶ Easily adjustable using simple hand tools



BALE SEPARATION DOOR



- ▶ Eliminates risk of contamination at commodity change
- ▶ Maintains bale density until tying process

FRONT RAM HINGE DOOR



- Reduced Intervention Time = Increased Productivity**
- ▶ Quicker and easier access to ram, shear and liners

PRE-FIL VALVE

Highest Throughput

- ▶ Faster cycle time
- ▶ Lowered energy consumption
 - Taking advantage of gravity
 - Full ram pressure only applied when required



MAIN RAM ROLLERS

Avoid Reline Burden

- ▶ Extend life of wear items from reduced friction
- ▶ Easily accessible and replaceable



MODELS	MTR-195-TP (w/o pre-fill)	MTR-235-TP (with pre-fill)
CHARGE BOX SPECIFICATIONS		
Feed Opening	72" L X 58" W	
Charge Box Volume	69.4 cu ft	
DIMENSIONS		
Width (includes bale table)	24' 6"	
Height (feed)	9' 11"	
Weight (with door)	70,000 lbs	
Length	26'-6"	28'-10"
ELECTRICAL		
Main Power	150 HP (Dual 75HP)	
Voltage	400V – 3 ph – 60 Hz / 460V – 3 ph – 60 Hz / 575V – 3 ph – 60 Hz	
Starting	Soft start	
C-Pump	5 HP	
Cooling Fan	3 HP	
Level Sensors	Three levels of photo sensors for precise control of baling	
Lasers	On rams and door	
Controls	<ul style="list-style-type: none"> - 15" touchscreen - Automatic, manual controls mode - 15 memory setup for different material - Alarm description and bale control - Remote troubleshooting and control by modem 	
Economizer	Automatic motor sleep mode (Adjustable)	
COMPRESSING STATISTIC		
MAIN CYLINDER		
Stroke	120" (penetrates to 14" of back wall)	
Compressing Force	195 tons or 390,000 lbs	235 tons or 470,000 lbs
Cylinder Diameter	10"	11"
Ram Face Pressure	232 PSI	280 PSI
EJECT CYLINDER		
Stroke	82" (full eject)	
Compressing Force	105.5 tons or 211,115 lbs	
Cylinder Diameter	8"	
Ram Face Pressure	228 PSI	
TECHNICAL DATA		
Normal Operating Pressure	5,000 PSI	
Cooling	Air-to-Oil	
Oil Heater	Submersion type	
Automatic Wire Tier	Accent or L&P	
Oil Type	ISO Grade 32, 46	
Knife	Progressive V knife with 3D shaped teeth – Efficient design	
Bale Separation Door	Included	

MODELS	MTR-195-TP (w/o pre-fill)	MTR-235-TP (with pre-fill)
PRODUCTION		
Power Pac	Dual 75 HP	
Cycle Time (avg.)	11 sec.	6 sec.
Cycles Per Hour (max.)	327	600
Maximum Volume Displacement (cf/hr)	22, 700	41, 650
TONNAGE* (IMPERIAL TONS)		
1lb/cf (up to)	8 TPH	13 TPH
2lbs/cf (up to)	15 TPH	23 TPH
3lbs/cf (up to)	20 TPH	27 TPH
4lbs/cf (up to)	25 TPH	33 TPH
6lbs/cf (up to)	31 TPH	36 TPH
BALE DENSITY & WEIGHT*		
OCC	Up to 36 lbs /cu ft	Up to 1,685 lbs
MOW & ONP	Up to 38 lbs /cu ft	Up to 1,780 lbs
PET	Up to 30 lbs /cu ft	Up to 1,400 lbs
UBC	Up to 24 lbs /cu ft	Up to 1,125 lbs
Steel Cans	Up to 45 lbs /cu ft	Up to 2,100 lbs
BALE SPECIFICATIONS		
Bale Size	30"H x 45" x 60"	
Bale Volume	46.8 cu ft	
Bale Weight	Up to 1,780 lbs on Fiber	
Bale Density	Up to 38 lbs /cu ft on Fiber	

*Performance rates, bale weights and bale densities are subject to moisture content, infeed densities, feed rates, machine efficiencies and other variables in baling. All Performance Data is based on full average penetration with 1.5 sec. delay for valve shift.

