

TIEger

Auto-Tie Balers

- Loaded with Innovative Features
- Increased Productivity
- Years of Efficient Operation
- Operating Cost Savings

Models included: PC-Series; Narrow Shear (NS); Wide Shear (WS); & Extra Wide Shear (EWS) Balers



NEWGEN
BALING SYSTEMS



Gear Power...

Gear Driven Tying System



NEXGEN's Auto-Tie Balers are precision built by our manufacturing specialists and feature one of the most exciting new technologies in more than 30 years: the **TIEger™** Tying System. This tier uses highly efficient gear twisters, which

means there are no twister hooks. The **TIEger™** also produces a much shorter pigtail resulting in a **10% reduction in wire consumption and related costs!** The gear twisters and inserter needles are hydraulically driven and wire is dispensed directly from our unique box holders. Ceramic wire guides and adjustable wire positioners direct the wire through the tier.

NEXGEN's Auto-Tie Balers are designed for high productivity and ease of use. They utilize state-of-the-art electronics including Allen-Bradley's



The wire tying system is mounted on poly clad casters for swing-away access to the tying heads.



MicroLogix 1500 PLC and the **Maestro®** touch-screen operator interface. From this interface, the operator can control a variety of baler functions such as auto and manual modes, bale settings, system pressures, bale length, and perform computerized diagnostics. Structural members are properly jugged and fixtured to ensure proper alignment and to maintain baler integrity for years of continuous use.

Loaded with Features & Benefits



1. Single cylinder bale tensioning system with linkage bars provides up to 1 million pounds of extrusion force!
2. Bale length counter, located on the side of the baler, sends a digital reading to the operator interface.

3. Pressure transducer allows system and tensioning adjustment from the operator interface.
4. TEFC motor with quiet running 3-section flooded suction pumping system.
5. Spring loaded retainer locks and adjustable wire positioners.
6. The in-feed hopper has a gasketed access door and viewing windows on both sides of the hopper. Infrareds are adjustable the entire height of the hopper door window.
7. Wear resistant, adjustable and replaceable Nylatron liners on the ram sides. 400 Brinell steel liners on the floor and ram bottom. Oversized ram hold-down bars are adjustable from the exterior of the machine.
8. Serrated body and ram shear blades are adjustable and replaceable. (NS, WS & EWS Series only).

Standard Features

Structural & Mechanical

- Single cylinder tension system which leverages and generates force on all four sides.
- All pivot points have solid steel bushings and grease fittings.
- Flexible cross tube cylinder mounts allow for removal of cylinder from the side of the machine.
- Tier and twister box pivot for easy maintenance.
- Inserters and gear twisters are driven by hydraulic motors.
- Dust is controlled through the use of Nylatron shims and special programming.
- Adjustable shear blades (NS,WS & EWS Series only).
- 400 Brinell steel liners on the floor and ram bottom.
- Chute type feed hopper with gasketed access door with viewing windows on both sides of the baler.
- Oversized ram hold-down bars are adjustable from the exterior of the machine.
- Heavy-duty, spring-loaded retainer locks.
- Wire box holders make loading quick and easy with no adjustment required. Ceramic wire guides and adjustable wire rollers.

Electrical & Hydraulic

- Bale length counter, located on the side of the baler, sends a digital reading to the operator interface.
- **Maestro**® touch screen operator interface with Allen-Bradley MicroLogix 1500 PLC; provides many functions such as diagnostics, bale set-up, bale length, system pressures, etc.
- Infrareds are adjustable the entire height of the hopper door window.
- **UL & CUL** listed control systems.
- Start-up alarm and beacon.
- 460V / 3-Phase / 60 Hz high efficiency power unit.
- Powerpacks up to 150HP and many dual motor units are available.
- Lockable fused electrical disconnect.
- Low oil shutdown switch.
- High oil temperature shutdown switch.
- Oil shut-off valve.
- Quiet running 3-section flooded suction pumping system(except twin 30hp).
- Electrically actuated regen hydraulic system.
- Current and pressure transducers are standard.
- Air-to-Oil cooler.
- 150 to 600 gallon hydraulic oil reservoir (up to 200 gallons shipped with unit).
- Factory start-up; standard **NEXGEN** warranty; standard paint colors.

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