



Harris



Piranha[®]

What are the advantages?



This compact and ferocious machine can handle any paper stock, secondary fiber, aluminum/steel cans, PET and HDPE you can throw at it. With a small footprint, the Piranha® can fit in almost any location or facility. As for power - don't let the size fool you.

Structural Integrity

Heavy duty ½" plate construction with 1" x 4" thick reinforcement. Single cylinder main ram provides superior transmission of power and force to the ram.

96 tons of compression force and 110 lbs/in² ram face pressure is the highest in its class.

Replaceable 3/8" thick abrasion resistant tongue and groove wear liners on baler floor and base of main ram for long life and minimum downtime.

Extra heavy duty baling chamber and eject door construction.

Full penetration and ejection of the bale.

Machined slots in shear knife and baling platen provide precise alignment between mating wire slots for easier wire threading.

Safety

Category 3 safety system on conveyor hopper access door. Access to the conveyor hopper is protected by a dual circuit magnetic safety switch and a dual "trapped" key interlock system. The integrity of the safety circuit is continuously checked by a safety monitoring relay. Magnetic safety interlock switches on bale door and opening mechanism ensures that the door is fully open before the bale is ejected.

Operator warning alarms on bale door opening and ram retraction. (After manual tying operation and automatic start up).

Bale door opening mechanism is designed to relieve pressure from expansion of the bale.

Hydraulic door actuator cylinder incorporates a check valve on exhaust port to prevent unintended extension of the cylinder.

Just the Numbers

Hopper Opening	36"x56" (914.4mmx1422.4mm)
Baling Cycle (Dry Cycle)	29 Seconds
Ram Face Pressure	110 PSI (7.7 kgf/cm²)
Motor Horsepower	20 HP (14.91 kW)
Main Pump	33 gpm (124.88 lpm)
Max Operating Pressure	5000 PSI (344.82 Bar)
Main Ram Force	96 tons (87.091 tonnes)

Performance rates, bale weights, and bale densities are subject to moisture content, material pre-bale densities, feed rates, and other variables.

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