PL370HD

70-TON CLASS ELECTRIC MATERIAL HANDLER



BOOM SWAP™ CONTROL

Safe
Working Range
Automatic
Protection



Flexible installation options

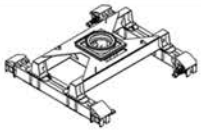
SINGLE BASE
Concrete foundation



DOUBLE BASE
Over conveyor, roadway or rail



RAIL
Trolley-mounted configuration



Tanguay support

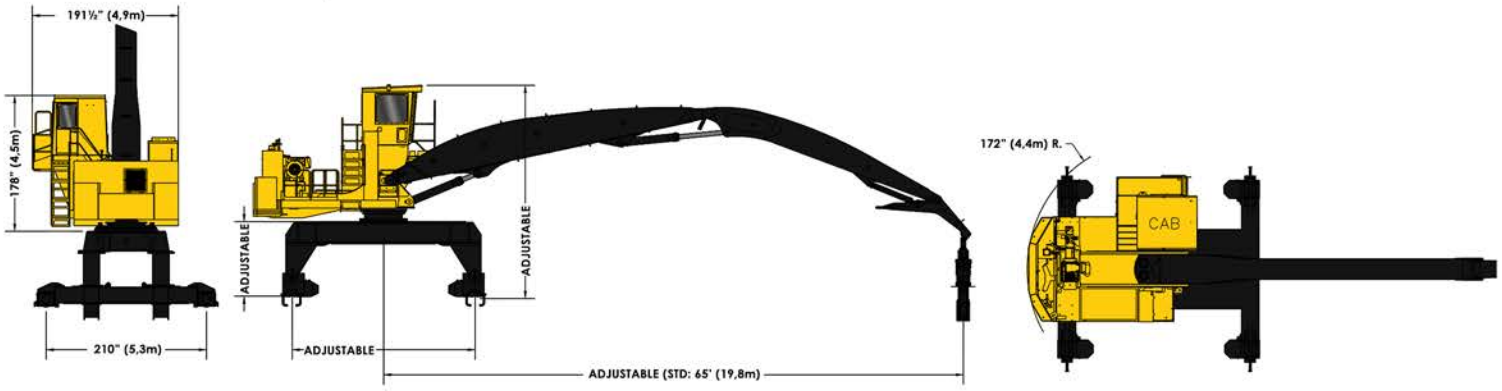
Engineering & Layout • Installation & Start-Up • On-Site Training • Technical Support
From initial layout to installation and start-up, our experienced team works with you every step of the way.

Bluetooth connectivity for remote support, troubleshooting & programming
Get expert assistance from anywhere through a Bluetooth connection to your machine.

Engineered around your operation. Powered for lower operating costs.

PL370HD

Technical specifications



Tanguay Machinery reserve the right to change specifications without notice or obligation. Product illustrations may be equipped with non-standard equipment.

Power Supply
- Totally enclosed 200 HP (150 kW) fan cooled electric motor (TEF C), 1775 rpm, 3 phases, 60 cycles.
- Moisture resistant windings corrosion resistant epoxy finish.
- Power supply wiring package available for U.S. (440 V) and Canadian (575 V) electric services.
- Heavy-duty and weatherproof electric controls panel including heavy-duty transformer, fuses and wiring.
- Transformer supplies: 240 V for cab heater, 120 V for hydraulic oil heater and 24 V for lights, windshield wiper, etc.

Hydraulics
- Two (2) variable displacement piston pums.
- Total flow of 220 gpm (830 L/min).
- Operating pressure: 4000 psi (27580 kPa).
- Oversized hydraulic oil cooler with reversible fan.
- One (1) full flow return and 1 case drain line filter with restriction indicators (5 micron).
- Oil tank immersion heater, 120 V.
- Hydraulic system test points.
- Hydraulic tank oil level gauge.
- Electro proportional joystick

Work Station
- Large 72" x 60" rear entry cab engineered for the safety and comfort of the operator.
- Mill Operator Station: Plenty of room for additional monitors and controls
- Handrails and stairs provide easy cab access.
- Visibility is excellent due to the height of the cab and ample windshield area.
- Cab with A/C and heater, front protective screen, side windows, side escape window, wiper and Am-Fm-Bluetooth radio
- Complete instrument panel including MD4 control display with hydraulic oil temperature, low hydraulic oil level alarms, starter switch, dame light and working light switches.
- Electro proportional joystick controls with IQAN control system for smooth and fast boom and grapple functions and possibility to limit working zones to protect sensitive areas.

Swing
- Rotation on a 55 in. (1,397 mm) dual-ball-bearing turntable with an internal gear and two planetary drives.

Options
- Hydraulic refill pump
- Vacuum pump
- Auto Lube system
- Customized access catwalk depending on the application

Booms
- Lift capacity : 31 250 lbs (14 200 kg) @ 30 feet (9,14m) ; 14 000 lbs (6350 kg) @ 55 feet (16.75m)
- Boom designed to suit your mill application from chips to long logs.
- Also available for scrap yard or general material handling.