PL310 SERIES

10-TON CLASS ELECTRIC MATERIAL HANDLER

PL310 | PL310RC | PL310RCP



STANDARD REACH
32–34 feet
Live Heel booms available

BOOM SWAP™ CONTROL

Safe
Working Range
Automatic
Protection



Flexible installation options

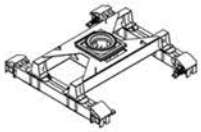
SINGLE BASE
Concrete foundation



DOUBLE BASE
Over conveyor, roadway or rail



RAIL
Trolley-mounted configuration



Tanguay support

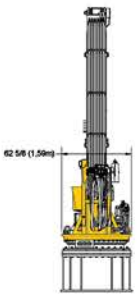
Engineering & Layout • Installation & Start-Up • On-Site Training • Technical Support
From initial layout to installation and start-up, our experienced team works with you every step of the way.

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.

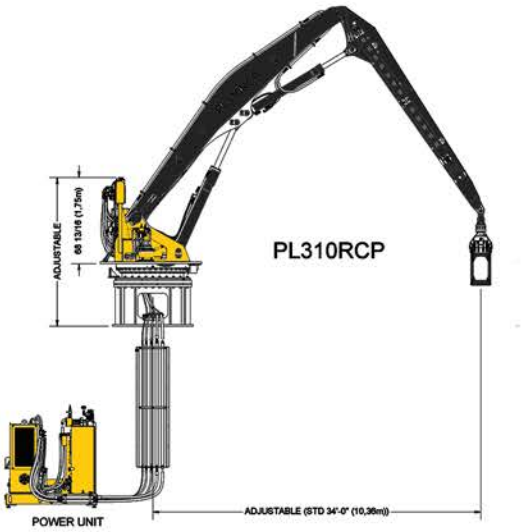
PL310 / PL310RC / PL310RCP

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 100hp (optionnal 125hp) fan cooled electric motor (TEF C), 1775 rpm, 3 phases, 60 cycles.
- Moisture resistant windings with corrosion resistant epoxy finish.
- Power supply wiring package available for U.S. (440V) and Canadian (575 V) electric services.
- Heavy-duty and weatherproof electric controls panel including heavy-duty transformer, fuses and wiring.
- Transformer supplies: 240V for cab heater, 120V for hydraulic oil heater and 24V for control and accessories.

Hydraulics
- One (1) variable displacement piston pump + one (1) fixe displacement piston for cooling system.
- Total flow of 120 gpm (450L/min).
- Operating pressure: 4 000 psi (27 580 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, 120V (2000W).
- Hydraulic system test points.
- Hydraulic tank oil level gauge.
- Electro proportional joystick

Work Station - PL310RC and PL310RCP - Remote controlled version
- 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. Optional Swap[tm] Controls to limit and possibility to limit working zones to protect sensitive areas.

Work Station - PL310 with Cab (same than PL310RC and PL310RCP) plus:
- Large rear entry cab engineered for the safety and comfort of the operator.
- Cab with A/C and heater, front protective screen, side windows, side escape window, wiper and Am-Fm-Bluetooth radio.
- Handrails and stairs provide easy cab access.
- Excellent visibility with cab height and ample of windows.

Swing
- Rotation on a 55 in. (1397 mm) turntable bearing with internal gear and two planetaries.

Options
- Electrical rotary manifold
- Auto Lube system
- Customized access catwalk depending on the application

Booms
- Lift capacity : 9 600 lb (4 350 kg) @ 30 ft (9,14 m)
- Boom designed to suit your mill application from chips to long logs.
- Also available for scrap yard or general material handling.

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