



PL310
PL310RC
PL310RCP

10 TONS CLASS ELECTRICAL LOADER

Standard Reach
34 feet

(Live Heal booms available)

SWAP™ CONTROL

PL310RC

PL310RC

Tanguay support: Experienced engineering people planning with you the initial layout, the installation and start-up. On-site operator and technician training. Full documentations including parts, service and operator manuals. Qualified service people to assist you.



PL310

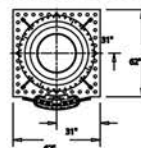


PL310RCP

PL310 Machine with Cab – right or left side
PL310RC Remote Controlled, power unit on the machine
PL310RCP Remote Controlled, remote power unit

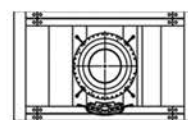
SINGLE BASE

Mount on concrete base



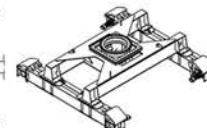
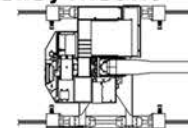
DOUBLE BASE

Mount over conveyor, road or rail



RAIL

Trolley Mount



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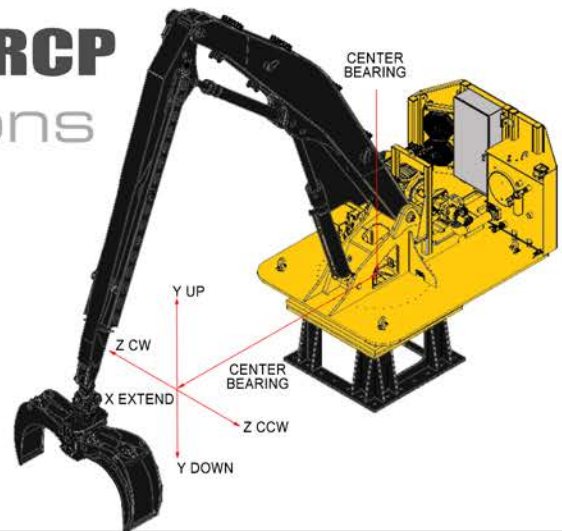
1.800.463.9856

PL310 / PL310RC / PL310RCP

Technical specifications

SWAP™ CONTROL

Safe
Working Range
Auto
Protection



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: 4000psi (27580kPa).
- 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™ 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 : 9600lb (4350kg) @ 30ft (9,14m)
- 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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