



**PL310**  
**PL310RC**  
**PL310RCP**

## 10 TONS CLASS ELECTRICAL LOADER

**Standard Reach**

**34 feet**

(Live Heal booms available)

**PL310RC**

**SWAP™ CONTROL**

**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.



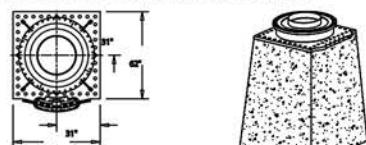
**PL310**



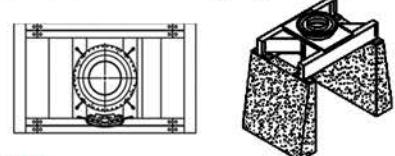
**PL310RCP**

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

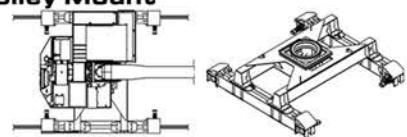
**SINGLE BASE**  
Mount on concrete base



**DOUBLE BASE**  
Mount over conveyor, road or rail



**RAIL**  
Trolley Mount



# PL310 / PL310RC / PL310RCP

## Technical specifications

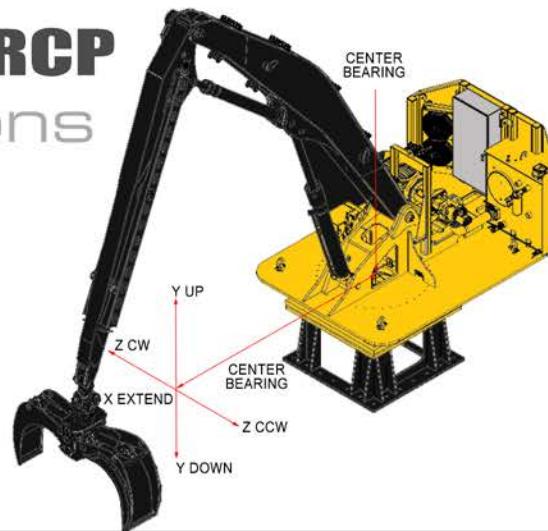
### SWAP™ CONTROL

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 (TEFC), 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) fixed 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, dome 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.



[www.tanguay.cc](http://www.tanguay.cc)

