



TECHNICAL SPECIFICATIONS

Elite LOADER

BOOMS

- Main boom: rectangular structure 6" x 8" (152 mm x 203 mm) made of high tensile steel
 - Stick boom: rectangular structure 6" x 6" (152 mm x 152 mm) made of high tensile steel
 - One 55 W halogen spot light on each side of stick boom
 - Pivots: 2" (50,8 mm) diameter tempered and chromed pins mounted on bronze bushings
 - Main boom complete motion in 8.9 sec. with 18,5 US gallons/min (70 l/min)
 - Stick boom complete motion in 7.0 sec. with 18,5 US gallons/min (70 l/min)
 - Hydraulic cylinders
 - ROTOBEC design, bolted and equipped with wear ring
 - Chromed rods made of induction tempered steel
 - Main boom: 5" (127 mm) bore, 32" (813 mm) stroke, 3" (76,2 mm) rod
 - Stick boom: 5" (127 mm) bore, 25.5" (648 mm) stroke, 2.5" (63,5 mm) rod
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- Standard: Reach: 22' (6,72 m)
 - Main boom length: 148" (3759 mm)
 - Stick boom length: 122" (3099 mm)
 - Option M21: Reach: 20'6" (6,25 m)
 - Main boom length: 139" (3531 mm)
 - Stick boom length: 113" (2870 mm)
 - Weight: (reduction of 60 lb. (27 kg))
 - Option M25: Reach: 25' (7,62 m)
 - Main boom length: 168" (4267 mm)
 - Stick boom length: 138" (3505 mm)
 - Additional weight: 130 lb. (59 kg)
 - Option MT26: Telescopic boom reach: 25'6" (7,77 m)
 - Main boom length: 148" (3734 mm)
 - Stick boom length: 122" + 42" (3099 mm + 1067 mm)
 - Stick boom telescopic extension, activated by an electric button and proportionally controlled by lever
 - Hydraulic cylinder
 - Telescopic extension: 2.5" (63,5 mm) diameter, 42" (1067 mm) stroke, 1.5" (38,1 mm) rod
 - Additional weight: 195 lb. (89 kg)
 - Option MT26M: Telescopic boom for MARFOR, reach: 25'6" (7,77 m)
 - Main boom length: 148" (3734 mm)
 - Stick boom length: 122" + 42" (3099 mm + 1067 mm)
 - Stick boom complete motion in 8.2 sec. with 19,9 US gallons/min (75 l/min)
 - Stick boom telescopic extension, activated by an electric button and proportionally controlled by lever
 - Hydraulic cylinders
 - Stick boom: 5" (127 mm) diameter, 32" (813 mm) stroke, 3" (76,2 mm) rod
 - Telescopic extension: 3.5" (88,9 mm) diameter, 42" (1067 mm) stroke, 2" (50,8 mm) rod
 - Additional weight: 300 lb. (136 kg)
 - Option MT27: Telescopic boom reach: 27'2" (8,28 m)
 - Main boom length: 168" (4267 mm)
 - Stick boom length: 122" + 42" (3099 mm + 1067 mm)
 - Stick boom telescopic extension, activated by an electric button and proportionally controlled by lever
 - Hydraulic cylinder
 - Telescopic extension: 2.5" (63,5 mm) diameter, 42" (1067 mm) stroke, 1.5" (38,1 mm) rod
 - Additional weight: 280 lb. (127 kg)
 - Option MT29: Telescopic boom reach: 29' (8,84 m)

- Main boom length: 178" (4521 mm)
- Stick boom length: 134" + 42" (3404 mm + 1067 mm)
- Stick boom telescopic extension, activated by an electric button and proportionally controlled by lever.
- Hydraulic cylinder
 - Telescopic extension: 2.5" (63,5 mm) diameter, 42" (1067 mm) stroke, 1.5" (38,1 mm) rod
- Additional weight: 420 lb. (191 kg)

HEAD

- Continuous rotation
 - Rotation speed: 9.5 RPM
 - 2.14 inch³ (35 cc) Sundstrand motor
 - Double reduction gear box
 - Rotation torque
 - Theoretical: 15987 ft.lb. (21675 N.m) at 3200 psi (221 bars) pressure and tank pressure of 65 psi (5 bars)
 - Actual: estimated at 13589 ft.lb (18424 N.m)
- Slewing ring gear 26.45" (672 mm) outside diameter
- Safety rotation locking device for use during transportation
- Walvoil monoblock directional control valves
 - Pedal activated rotation
 - Two double function joysticks to activate the booms and the attachment

- Standard: Without Cab
 - Radius required to swing the loader (without cab): Radius of 37 1/2" (952 mm)

- Option CAB: ROTOCAB (available with 12V truck only)
 - Cab designed to protect operator from bad weather
 - Including a tilting system activated by a hydraulic cylinder to reduce the cab height during transit
 - Mechanical lock to lock tilting system in the up or down position
 - Insulation panel under seat
 - Front windshield made of clear "Lexan Mie guard"
 - Sliding window on left side
 - Door on right side, including a hinged window
 - 24-inch wiper and windshield washer
 - Ceiling light
 - 12V power socket, 3 Amps
 - Overall radius required to swing the loader with the ROTOCAB = Radius of 59" (1499 mm)
 - At the height of the ROTOCAB floor, radius required to swing the loader: 49 1/2" (1257 mm)
 - The overall height of the loader increases by 7 3/4 inches with the installation of a ROTOCAB
 - Additional weight: 840 lb. (381 kg)

- Standard: ROTOBEC swivel joint with 8 hydraulic oil conduits and 5 electric sections (3 live and 2 ground wires)

- Option COL10: Antifreeze swivel joint (needed for antifreeze heater accessory)
 - ROTOBEC swivel joint with 8 hydraulic oil conduits, 2 antifreeze conduits and 5 electric sections (3 live and 2 ground wires).
 - Additional weight: 25 lb. (11 kg)

BASE

- Telescopic stabilizers
 - Independent action stabilizers
 - Cylinders 3" (76,2 mm) diameter, 42.75" (1086 mm) stroke, 1.75" (44,5 mm) rod
 - Dual lock valve cylinders
 - Flat bottom stabilizer pads are standard. Cleats to be ordered as an option
 - Swivel joint access on both sides to facilitate maintenance
 - Demountable stabilizers from frame to facilitate maintenance
 - Two ladders

- Standard: Standard turret
 - Designed to be installed on a trailer or a spacer with a nominal height of 59"

- Option 8: 8" Turret extension
 - Designed to be installed on a trailer with a nominal height of 51"
 - Additional weight: 40 lb (18 kg)

- Option 15: 15" Turret extension
 - Designed to be installed on a truck with a nominal height of 44"
 - Additional weight: 95 lb (43 kg)

HYDRAULIC SYSTEM

- Operating pressure
 - Main boom 3045 psi (210 bars)
 - Stick boom and rotation: 3263 psi (225 bars)
- Anti-shock valve
 - Main boom = 3600 psi (250 bars)
 - Stick boom = 3500 psi (240 bars)
 - Swing = 3300 psi (228 bars)

ELECTRIC SYSTEM

- Standard: 12 Volts
- Option 24VDC: 24 Volts

COLOR

- Standard: Yellow and Black
- Option N: Black (available in English language only)

LANGUAGE

- Standard: French
- Option ANG: English

OTHER

- Included with loader
 - Black spray paint
 - Yellow spray paint
 - Parts manual
 - Operator's manual

SUPPLEMENTARY TECHNICAL INFORMATION

- Approximate weight of standard loader with boom, excluding grapple, options, accessories and installation: 4940 lb. (2240 kg)
- Dimensions
 - Total height
 - Without cab: 13' (3962 mm) *
 - Telescopic stabilizers
 - Width at ground level: 9'6" (2896 mm) *
 - Maximum depth below ground level: 18" (457 mm) *
 - Maximum height above ground level: 22" (559 mm) *

* Valid if the loader is mounted on a frame with a nominal height from ground level. The nominal height of each turret is given in the BASE section above.

ACCESSORIES

- 07000-6694: MAIN BOOM HYDRAULIC TUBE PROTECTOR (N/A with MT29 and MTO29 option)
 - Weight: 75 lb. (34 kg)
- 07001-3711: MAIN BOOM HYDRAULIC TUBE PROTECTOR with MT29 and MTO29 option
 - Weight: 80 lb. (36 kg)
- 07000-6263: 12V OIL COOLER (N/A with M22R or M25R options)
 - 20000 BTU/hr. with a temperature difference of 60 degrees F

- Thermostatic fan
 - Weight: 90 lb. (41 kg)
- 07000-7876: 24V OIL COOLER (N/A with M22R or M25R options)
 - 20000 BTU/hr. with a temperature difference of 60 degrees F
 - Thermostatic fan
 - Weight: 90 lb. (41 kg)
 - 07002-4492: 12V HEATED JOYSTICK HANDLES
 - 2 intensity control switch thermostat
 - 07001-8312: INSULATED ROTOCAB (Note: CAB option is required)
 - Complete kit, ready for installation
 - 07001-8314: 12V ANTI-FREEZE HEATER (Note: Options CAB and COL10 are required)
 - Complete kit, ready for installation
 - Including 4 heating vents, valves to control the heat and anti-freeze pipes
 - 07001-8313: RADIO AM/FM CD, 12V (Note: CAB option is required)
 - Complete kit, ready for installation
 - Including radio, antenna, 2 speakers and wiring
 - 07001-8315: 12V ROTOCAB HEAD LIGHTS
 - Complete kit, ready for installation
 - Including two 50W halogen lights, switch and wiring
 - 07001-8437: SEAT BELT
 - The loader should only be equipped with a seat belt only after consulting with a knowledgeable safety professional who can help determine whether a seat belt is appropriate based on the environment and application in which the loader will be used. If the customer chooses to equip the loader with a seat belt, he must be aware of the following:
 - Use of a seat belt may affect the ability to jump free from the loader or otherwise move quickly in case of emergency.
 - Even if wearing a seat belt, nobody should be seated in the operator's station while the truck or trailer on which the loader is mounted is in motion.
 - Exposure to weather and routine use may result in tearing or fraying of the seat belt. It should be visually inspected on a daily basis to make certain the integrity of the belt has not been compromised.
 - French instructions.
 - 07001-8373: SEAT BELT
 - Same description as 07001-8437 but with English instructions.
 - 07000-6691: SET OF BOLT-ON CLEATS UNDER STABILIZERS
 - 722-0095: ALUMINIUM OIL TANK
 - 55 US gallons (208 liters)
 - Designed to be installed on the side of the truck frame
 - Return line equipped with filter
 - Flood suction line equipped with strainer
 - Tank weight: 110 lb. (50 kg)
 - Full tank weight: 555 lb. (252 kg)
 - 07001-1187: P330 DOUBLE GEAR PUMP FOR DIRECT MOUNT (CCW rotation)
 - 18.5/18.5 US GPM (70/70 liters/minute) at 1800 RPM
 - SAE B-B 1" -15 splined shaft
 - Lock valve (pump security)
 - Weight: 80 lb. (36 kg)
 - Torque required to drive the pump with all sections simultaneously at maximum pressure: 200 ft-lb. (271 N.m)
 - 07001-1188: P330 DOUBLE GEAR PUMP FOR DIRECT MOUNT (CW rotation)
 - 18.5/18.5 US GPM (70/70 liters/minute) at 1800 RPM
 - SAE B-B 1" -15 splined shaft
 - Lock valve (pump security)
 - Weight: 80 lb. (36 kg)
 - Torque required to drive the pump with all sections simultaneously at maximum pressure: 200 ft-lb. (271 N.m)
 - 07001-1435: P330 DOUBLE GEAR PUMP DIRECT MOUNT BRACKET KIT TO INSTALL ON A PTO
 - 07001-1186: P330 DOUBLE GEAR PUMP FOR DRIVE SHAFT MOUNTING (CCW rotation)

- 18.5/18.5 US GPM (70/70 liters/minute) at 1800 RPM
 - 1" keyed shaft with bearing and dust seal
 - Lock valve (pump security)
 - Weight: 80 lb. (36 kg)
 - Torque required to drive the pump with all sections simultaneously at maximum pressure: 200 ft-lb. (271 N.m)
- 07001-0808: P330 DOUBLE GEAR PUMP FOR DRIVE SHAFT MOUNTING (CW rotation)
- 18.5/18.5 US GPM (70/70 liters/minute) at 1800 RPM
 - 1" keyed shaft with bearing and dust seal
 - Lock valve (pump security)
 - Weight: 80 lb. (36 kg)
 - Torque required to drive the pump with all sections simultaneously at maximum pressure: 200 ft-lb. (271 N.m)
- 07001-1433: P330 DOUBLE GEAR PUMP DRIVE SHAFT BRACKET KIT
- 07001-1432: INSTALLATION KIT FOR TRUCK MOUNT WITH P330 PUMP
- For P330 gear pump and aluminum oil tank
 - 3" – 2" reduction sleeve
 - 2" (50,8 mm) ball valve
 - Hydraulic fittings probably required for installation
 - Relay and fuses for electric installation
- 07001-1428: INSTALLATION KIT FOR TRAILER MOUNT WITH P330 PUMP
- For P330 gear pump and aluminum oil tank
 - 3" – 2" reduction sleeve
 - 2" (50,8 mm) ball valve
 - Quick attachment hydraulic fittings
 - Hydraulic fittings probably required for installation
 - Relay and fuses for electric installation
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- 857-0006: TRUCK FRAME MOUNT ANCHOR KIT, FOR TRUCK HEIGHT OF 39" to 44", (WITH 15" SPACER)
- 15" spacer
 - Brackets
 - Anchor rods
 - Nuts
 - Additional weight: 478 lb. (217 kg)
- Designed to be installed on a truck frame meeting the following requirements:
- Minimum inner distance between the beams of the frame: 21 1/4" (540 mm)
 - Maximum outer distance between the beams of the frame: 36 3/4" (933 mm)
 - Height of frame beams: max: 16" (406 mm)
- 7001-8839: 15" EXTENSION ANCHOR KIT FOR TRUCK FRAME HEIGHT OF 39" to 44" (WITHOUT SPACER)
- Brackets
 - Anchor rods
 - Nuts
 - Weight: 205 lb. (93 kg)
- Designed to be installed on a truck frame meeting the following requirements:
- Minimum inner distance between the beams of the frame: 21 1/4" (540 mm)
 - Maximum outer distance between the beams of the frame: 36 3/4" (933 mm)
 - Height of frame beams: max: 18 1/2" (470 mm)
- 857-0007: TRAILER FRAME MOUNT ANCHOR KIT FOR TRAILER HEIGHT OF 52" to 59" (WITH SPACER) OR FOR 8" TURRET EXTENSION ON TRAILER FRAME WITH A HEIGHT OF 47" to 51" (WITHOUT SPACER)
- Brackets
 - Anchor rods
 - Nuts
 - Weight: 220 lb. (100 kg)
- Designed to be installed on a trailer frame meeting the following requirements:
- Minimum inner distance between the beams of the frame: 27 1/4" (692 mm)
 - Maximum outer distance between the beams of the frame: 48 3/4" (1238 mm)
 - Height of frame beams: min: 15 1/2" (394 mm); max: 31" (787 mm)

- 857-0008: TRAILER FRAME MOUNT ANCHOR KIT FOR TRAILER FRAME HEIGHT OF 47" to 51" (WITH 8" SPACER)
 - 8" Spacer
 - Brackets
 - Anchor rods
 - Nuts
 - Weight: 390 lb. (177 kg)Designed to be installed on a trailer frame meeting the following requirements:
 - Minimum inner distance between the beams of the frame: 32 1/4" (819 mm)
 - Maximum outer distance between the beams of the frame: 48 3/4" (1238 mm)
 - Height of frame beams: min: 16 1/2" (419 mm); max: 32" (813 mm)

- 857-0009: TRAILER FRAME MOUNT ANCHOR KIT FOR TRAILER FRAME HEIGHT OF 43" to 47" (WITH 12" SPACER)
 - 12" Spacer
 - Brackets
 - Anchor rods
 - Nuts
 - Weight: 440 lb. (200 kg)Designed to be installed on a trailer frame meeting the following requirements:
 - Minimum inner distance between the beams of the frame: 32 1/4" (819 mm)
 - Maximum outer distance between the beams of the frame: 48 3/4" (1238 mm)
 - Height of frame beams: min: 12 1/2" (318 mm); max: 28" (711 mm)

Note:

We reserve the right to change specifications and improve our products without notice or obligation.