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FC1 Pro™ Field Maintainer Tractor Specifications

Rev9.5

Design

- Computer aided design/Computer aided manufacturing - CAD/CAM
- Patented designs with other patents pending
- Precision laser cut and powder coated painted parts with infused labels directions
- Modular components and assembly for quality, reliability and ease of repair and maintenance
- Both natural turf and artificial turf - indoor and outdoor
- Painting, grooming, spraying, fence line, weed removal, and utility capabilities
- Removal of painted lines, logos, end zones on synthetic and natural turf

Propulsion System

- Engine V-Twin Cylinder
 - Honda GX630 20.8 hp
- Fuel System
 - 6 gal. Capacity, 5 gal. Main, 1 gal. reserve, aluminum fuel tank with tethered gas cap
- Hydraulics
 - Parker hoses and fittings with dual filtration
 - Propel pump
 - Infinitely variable, bidirectional, axial piston pump design
 - Direct coupled, tandem configuration, with auxiliary accessory pump
 - Wheel Motors
 - 2 Fixed displacement, bi-directional, high torque orbital wheel motors
 - Rated 7250 lb. rear axle capacity
 - Auxiliary pump
 - Positive displacement, gear pump
 - 6CM³/rev and 5.46 GPM
 - Cooling system for hydraulics
 - Aluminum hydraulic fluid heat exchanger. Augments engine compartment cooling.
 - 12V, 5.4A fan 280 CFM
 - 8" x 8" x 4.5"
 - Hydraulic fluid tank with sight gauge and internal filter
 - 5.4 gal. system capacity
 - Wheels and tires
 - Front 16 x 17.5 - 8 low ground pressure 4 ply TurfTech
 - Rear 23 x 10.50 - 12 low ground pressure 4 ply TurfTech
 - Forward speed variable 13 MPH – reverse speed variable 3 MPH

Electrical System

- Voltage / Amperage – 12V, 20 ampere charge
- Battery – 340CCA / 425CA
- 12V accessory receptacle - charger port
- Gauge package, hour meter, volt meter, paint PSI
- All harness wirings color - coded for ease of maintenance and troubleshooting
- High quality connectors - commercial soft shell pin and socket
- Quick disconnect couplers at forward accessories
- Modular assemblies for ease of maintenance and troubleshooting

Paint /Water/Chemical Tank and Spraying System

- Top quality hoses and fittings
- Brass regulator / stainless steel internals
- Kromer engineered Hypro Ultra Pressure Paint Pump 290 PSI 6 GPM
- Built in storage compartment and cup holder
- Paint systems options
 - Ultra pressure paint system can save up to 50% in paint costs
 - Low Pressure dust control electric pump system
 - Spray boom 3 sizes
 - 4 liner box options available
- Tank system
 - 65 gal. capacity
 - Custom patented design 62.5 gal. paint / water / chemical capacity
 - Durable corrosion proof high quality rotomolded plastic
 - Integral 2.5 gal. fresh water rinse tank (tank within a tank)
 - Easy outboard fill location for both tanks
 - Quick lock lid on main tank
 - Double filtration (basket filter, in-line bowl filter / strainer)
 - In-tank agitation
 - Easy-rinse sloped sump system with 100% positive drain
 - Cleans systems 3 ways
 - Water hose flush main tank
 - Connect water hose to inlet selector valve
 - Clean paint nozzles, paint lines and paint pump with integral fresh water tank in about 2 minutes

Ergonomics

- Ezy Fast Fill™ system transfer pump pumps paint directly from a 5 gal. 70 lb paint pail into main tank. Transfer pump also decreases viscosity of paint, making easier to mix with water.
- Transfer pump – Diaphragm electric, non-choke valves, run dry capable, self-priming, high-flow
- Large operator compartment - increased steering wheel clearance, large foot wells, improved design accelerator foot pedal
- Cool grey seat with lumbar support has adjustable: variable - rate suspension, seat back angle, armrest height and angle, fore / aft movement
- Main painter head – foot operated lift assist (greatly reduced effort - 72% reduction)
- All controls clearly marked
 - Special process image infused graphics lasting durable powder coat finish
 - Easy to read color coded grouped controls and receptacles

Versatility

- 40 + options and accessories - Custom modifications available
- Rear attachments
 - Quick Change System
 - No tools / 1 - 2 minute changes
 - Hydraulic raise, lower and lock for precise depth of grooming
 - Float mode provides versatility for variety of field types, multiple conditions and speed grooming

Dimensions

- Main tractor without options or accessories
 - Weight 989 LBS - Length 82.6" - Width 45.6" - Height 52.3"

Warranty

- 3 yr. Limited Warranty, 3 yr. Manufacture Engine