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## Field Commander™ Specifications

Rev7.0

### Design

- Computer aided design/Computer aided manufacturing - CAD/CAM
- Precision laser cut and powder coated painted parts with infused labels and directions
- Patents pending
- Modular components and assembly for quality, reliability and ease of repair and maintenance
- For both natural turf and artificial turf- indoor and outdoor usage
- For painting, grooming, spraying, fence line weed removal, and utility capabilities
- For removing painted lines, logos, end zones on synthetic turf as well as grooming the turf

### Propulsion System

- Engine V twin cylinder
  - Honda GX630, 97.9lbs, 42 cu in (688 cm<sup>3</sup>). Net Horsepower 20.3 hp (15.1 kW)
- Fuel System
  - 6 gallon capacity total, 5 ½ gallon main, ½ gallon reserve capacity, aluminum fuel tank with tethered gas cap
- Hydraulics
  - Parker hoses and fittings with inline filter
  - Propelling 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
    - Fixed displacement, gear pump
    - 6CM<sup>3</sup>/rev and 5.46 GPM
  - Cooling system for hydraulics
    - Aluminum heat exchanger, fan forced air exhausts heat from engine and hydraulics
    - 12V, 5.4A fan 280 CFM
    - 8" x 8" x 4.5"
  - Hydraulic fluid tank with sight gauge and internal filter
    - 5.4 gallons system capacity uses 15w-50 or 20w-50, SL/SJ class engine oil
  - Wheels and tires
    - Front 16 x 17.5-8 low ground pressure 4 ply Turf Tech
    - Rear 23 x 10.50-12 low ground pressure 4 ply Turf Tech
  - Forward speed (variable to) 11.8 MPH –reverse speed (variable to) 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 wiring color-coded for ease of troubleshooting/maintenance
- 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 internal seat and poppet
- Kromer customized Hypro High Pressure Paint Pump 290 PSI 6 GPM
- Built in storage compartment and cup holder
- Paint systems options
  - Ultra Pressure™ Line Painter with Easy Fast Fill™ can save up to 50% in paint costs
  - Low Pressure Line Painter with Easy Fast Fill™
  - Spray boom 4 sizes
  - 4 line painter heads available
- Tank system
  - 65 gallon capacity
  - Custom patent pending design 62.5 gallon paint/water/ chemical capacity
  - Durable corrosion proof high quality rotomolded plastic
  - Integral 2.5 gallon 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, and inline bowl filter/strainer)
  - Ezy Fast Fill™ system Gulper pumps direct from a 5 gallon 70 lb paint pail into main tank
  - Gulper decreases viscosity of paint, making easier to mix with paint agitation
  - Gulper pump
    - diaphragm/electric, non-choke valves, run dry capable, self-priming, high-flow
  - Dual in-tank agitation/rinse nozzles
  - Easy-rinse sloped sump system
  - Cleans systems 3 ways
    - With water hose flushing main tank
    - Connect water hose to paint pump using rinse nozzles for main tank
    - Cleans paint nozzles, paint lines and paint pump with fresh water in 1 minute

## Ergonomics

- Ezy Fast Fill™ Paint system-eliminates heavy lifting
- Larger operator compartment-increased steering wheel clearance, larger foot wells, improved 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 , a 72% reduction)
- All controls clearly marked
  - Special process infused within powder coat paint
  - Color coded and grouped

## Versatility

- 35 + options/accessories –(see options page)
- 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 more versatility for field types, conditions and speed grooming

## Dimensions

- Main tractor without options/accessories
  - Weight - 989 LBS
  - Length – 82.6”
  - Width – 45.6”
  - Height – 52.3”

## Warranty

- 2 years on parts, 1 year on labor and 6 months on travel costs