



**EXT
SPECIFICATIONS**

**8'-10'
RT3 EXT**

MOLDBOARD

Moldboard Width (retracted)	96" (244 cm)
Moldboard Width (extended)	120" (305 cm)
Plowing Width @ 30° Angle	83" (211cm) Retracted and 103" (262cm) Extended
Wing Extension Angle	20°
Moldboard Thickness	11 Gauge Steel
Moldboard Height	30" (76.2 cm)
Cutting Edge (High Performance Steel)	1/2" x 6" (1.3 cm x 15 cm)
Extension Cutting Edge (Polyurethane)	1 1/2"(38mm) x 9 3/4"(247.6mm)
Cutting Edge Bolts	13 @ 5/8"(15.9mm)
Cutting Edge Angle	70°
Reinforcement Ribs	9 Vertical
Box Section Reinforcements	2
Snowfoil	Optional

PUSH FRAME ATTACHMENT BAR

Moldboard Attachment Pins	3/4"(19mm) GR5, QTY 3
Pivot Pin Diameter	3/4"(19mm) GR5
Pivot Pin Bushings (O.D. / I.D.)	1-3/4"(44.4mm) / 3/4"(19mm)

PUSH FRAME

Super Structure	2"(50.8mm) x 4"(101.6mm) Tube
Angle Pivot Pin Diameter	3/4"(19mm) GR5
Pivot Pin Bushing (O.D. / I.D.)	1-3/4"(44.4mm) / 3/4"(19mm)

TRIP MECHANISM

Trip Method	Full Moldboard
Trip Springs	4
Trip Spring Type	0.375"(9.5mm) Hooked Extension Spring
Trip Spring Adjustment	Spade Bolt
Trip Dampening	Shock Absorber

LIGHTING

Bulbs	SL3 L.E.D. with Ice Shield Technology
Lens Material	Fully Sealed L.E.D. Lighting
Housing Material	Polycarbonate
Dimensions	Xenoy
Mounting	11-1/2" Wide X 4 1/3" High X 6" Deep
High beam output	Fully adjustable 5 bolt retaining clamp
Low beam output	850 effective lumens
	650 effective lumens
	100% DOT,FMVSS,SAE and ECE compliant

CONTROLS

SmartTouch 2™ Hand Held Control (standard):	7 Soft Touch Buttons - Automatic Float Fully Independent Function Control
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HYDRAULIC SYSTEM PERFORMANCE

Angling	3-1/2 Seconds at Full Pressure
Lift	2 Seconds at Full Pressure
Extend	4 Seconds at Full Pressure
Retract	3 Seconds at Full Pressure
Lower	Fully Adjustable Flow Control Valve

POWER UNIT

Construction	Heavy Duty, Cast Iron Pump Housing
Mounting	Plow Mounted with Enclosure Cover
Reservoir Capacity	2 Quart
Pump Type	Fixed Displacement Gear Pump, 5/16" Wide Gear Face (.162 cu.in/rev)
Flow Rate	1.3 GPM (4.9 LITERS/MIN) @ 2000 PSI
Motor	12 VDC High Torque Motor
Amp Draw	24.3 Amps, 12 VDC, @ 2000 PSI
Relief Setting	2500 PSI Full Bypass Relief
Filtration	100 Mesh Screen on Inlet and Exhaust Tubes



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CYLINDERS	
Angling Cylinders	
Quantity	2
Stroke	10"(254 mm)
Rod Diameter	1-1/2"(38 mm)
Seal	Polyurethane and Buna-N Double Lip Seals
Lift Cylinders	
Quantity	1
Type	Direct Acting, Pull Type
Stroke	10"(254 mm)
Rod Diameter	1.125"(28.6mm)
Piston Diameter	2"(50.8 mm)
Seal	Polyurethane and Buna-N Double Lip Seals
Wing Extension Cylinders	
Quantity	2
Stroke	12.75" (323.85mm)
Rod Diameter	1.1"(27.9mm)
Seal	Polyurethane and Buna-N Double Lip Seals
VALVE MANIFOLD	
Type	Remote Mounted, Cartridge Valve Manifold
Material	Anodized 6061 Marine Grade Aluminum
Valves	2 Solenoid-Operated, 2-Way, Piloted Poppet Control Valves 3 Solenoid-Operated, 4-Way, 3 Position Spool Control Valve 1 Cross-over Relief Valve (3800 PSI Setting) 2 Independent Differential Area, Poppet Pressure Relief Valves (1200 PSI Setting) 5 100 Mesh Filter Screens
QUICK HITCH SYSTEM	
Undercarriage System	RT3
Hitch System	SmartHitch 2™
MISCELLANEOUS	
Blade Adjustable Plow Shoe	Optional Cast Iron Wear Pad with 1" Steel Rod.
PLOW WEIGHT*	970 lbs (440 kgs)
WARRANTY	Limited 2 year Parts and Labor

* Plow weight does not include mount weight. Vehicle mount weight range: 75-105 lb.

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