



**RT3 FULL SIZE UTV
SPECIFICATIONS**

**6'6"
POWER-V XT**

**6'
POLY STRAIGHT**

MOLDBOARD

| | | |
|-------------------------------|--|---|
| Moldboard Width - Straight) | 78" (198 cm) | 72" (183 cm) |
| Moldboard Width - @ 30° angle | 72-3/8" (184 cm) | 62-1/2" (159 cm) |
| Moldboard Width - Vee | 68-3/4" (175 cm) | NA |
| Moldboard Width - Scoop | 66-1/2" (167 cm) | NA |
| Moldboard Height | 25" Inside to 30-1/2" Outside (64 cm to 77 cm) | 24-1/2" (62 cm) |
| Moldboard Material | 14 Gauge Steel | 1/4" (.64 cm) HMW Polyethylene with UV Stabilizer |
| Vertical Support Ribs | 6 | 4 |
| Cutting Edge | 1/4" x 5" High Performance (.64 cm x 13 cm) | 1/4" x 4", 1080 Steel (.64 cm x 10 cm) |
| Plow Shoes | Optional | Optional |
| Snowfoil | Optional | Optional |

PUSH FRAME ATTACHMENT BAR

| | | |
|---------------------------|----|---|
| Super Structure | NA | Formed Square Tubing .3/16"(4.77mm)X1-1/2" (38.1mm) |
| Cross Bracing | NA | 4-1/4"(107.9mm) x 2-5/8"(66.7mm) x 3/16"(4.8mm) Plate |
| Moldboard Attachment Pins | NA | 5/8"(15.9mm)-11 X 4"(101.6mm) GR5, QTY 2 |
| Angle Pivot Pin Diameter | NA | 5/8"(15.9mm)-11 X 4"(101.6mm) GR5, QTY 1 |

CENTER SECTION

| | | |
|-------------------------------|----------------------|----|
| Super Structure | Formed 7 Gauge Steel | NA |
| Back Bracing | 7 Gauge Steel | NA |
| Top Plate | 5/16"(7.9mm) Plate | NA |
| Bottom Plate | 3/8"(9.5mm) Plate | NA |
| Vertical Pivot Pin Diameter | 3/4"(19mm) | NA |
| Horizontal Pivot Pin Diameter | 1"(25.4mm) | NA |

PUSH FRAME

| | | |
|-------------------|--|------------------------------|
| Super Structure | 4"(101.6mm) x 2"(50.8mm) x 3/16"(4.8mm) Rect. Tubing | 3/16"(4.8mm) Plate |
| Cross Bracing | 5/16"(7.9mm) Plate | 3/16"(4.8mm) Plate |
| Coupler Pivot Pin | 3/4"(19mm) dia. x 2"(50.8mm) | 3/4"(19mm) dia. x 2"(50.8mm) |

TRIP MECHANISM

| | | |
|------------------------|---------------------------------------|---------------------------------------|
| Trip Method | Full Moldboard | Full Moldboard |
| Trip Springs | 2 | 2 |
| Trip Spring Type | 0.375"(9.5mm) Hooked Extension Spring | 0.375"(9.5mm) Hooked Extension Spring |
| Trip Spring Adjustment | Spade Bolt | Spade Bolt |

CONTROLS

| | | |
|---------------------------------|--|--|
| SmartTouch 2™ Hand Held Control | 5 Soft Touch Illuminated buttons - Automatic Float | 3 Soft Touch Illuminated buttons - Automatic Float |
| Switchbox Control | | |

HYDRAULIC SYSTEM PERFORMANCE

| | | |
|---------|--------------------------------|--------------------------------|
| Angling | 3-1/2 Seconds at Full Pressure | 3-1/2 Seconds at Full Pressure |
| Lift | 2 Seconds at Full Pressure | 2 Seconds at Full Pressure |
| Lower | Pre-set Flow Control | Pre-set Flow Control |

POWER UNIT

| | |
|--------------------|--|
| Construction | Cast Aluminum Pump Housing |
| Mounting | Plow Mounted with Enclosure Cover |
| Reservoir Capacity | 2 Quart |
| Type | Fixed Displacement Gear Pump, 1/8" Wide Gear Face (.065 cu.in/rev) |
| Flow Rate | .85 GPM (3.2 LITER/MIN) @ 1500 PSI |
| Motor | 12 VDC High Torque Motor |
| Amp Draw | 125 Amps, 12 VDC, @ 1500 PSI |



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| | | |
|----------------|--|--|
| Relief Setting | 2000 PSI Full Bypass Relief | |
| Filtration | 100 Mesh Screen on Inlet and Exhaust Tubes | |

CYLINDERS

Angling Cylinders

| | | |
|-----------------|--|--|
| Quantity | 2 | 2 |
| Stroke | 8-1/4"(209.5mm) | 6-1/4"(158.7mm) |
| Rod Diameter | 1-1/4"(31.7mm) | 1-1/4"(31.7mm) |
| Piston Diameter | 1-1/2"(38.1mm) | 1-1/2"(38.1mm) |
| Seal | Polyurethane and Buna-N Double Lip Seals | Polyurethane and Buna-N Double Lip Seals |

Lift Cylinders

| | | |
|-----------------|--|--|
| Quantity | 1 | 1 |
| Type | Direct Acting, Pull Type | Direct Acting, Pull Type |
| Stroke | 10"(254 mm) | 10"(254 mm) |
| Rod Diameter | 1.125"(28.6mm) | 1.125"(28.6mm) |
| Piston Diameter | 1.75"(44.4mm) | 1.75"(44.4mm) |
| Seal | Polyurethane and Buna-N Double Lip Seals | Polyurethane and Buna-N Double Lip Seals |

VALVE MANIFOLD

| | | |
|---------------|---|---|
| Type | Remote Mounted, Cartridge Valve Manifold | Remote Mounted, Cartridge Valve Manifold |
| Material | Blue Anodized 6061 Marine Grade Aluminum | Blue Anodized 6061 Marine Grade Aluminum |
| Valves | 6 Solenoid-Operated, 2-Way, Piloted Poppet Control Valves | 2 Solenoid-Operated, 2-Way, Piloted Poppet Control Valves 1 Solenoid-Operated, 4-Way, 3 Position Spool Control Valve |
| Relief Valves | 2 Relief Valves (2800 PSI Setting) | 1 Cross-over Relief Valve (3800 PSI Setting) |

QUICK HITCH SYSTEM

| | | |
|----------------------|------------------------|------------------------|
| Undercarriage System | RT3 | RT3 |
| Hitch System | SmartHitch 2™ Optional | SmartHitch 2™ Optional |

MISCELLANEOUS

| | | |
|-----------------------------|--|--|
| Blade adjustable plow shoes | Optional Cast Iron Wear Pad with 1" Steel Rod. | Optional Cast Iron Wear Pad with 1" Steel Rod. |
| Snow Deflector | Rubber belting. | Rubber belting. |

PLOW WEIGHT*

| | |
|------------------|------------------|
| 400 lbs (181 kg) | 314 lbs (142 kg) |
|------------------|------------------|

WARRANTY

| | |
|-----------------------------------|-----------------------------------|
| Limited 2 year Parts and Labor | Limited 2 year Parts and Labor |
|-----------------------------------|-----------------------------------|

* Includes mount.

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11/22/19 MM