



RT3 ATV / Mid-Sized UTV
SPECIFICATIONS

	5' (Mid-Sized UTV) Poly Straight Blade	4' Poly Straight Blade	5'6" V-XT
MOLDBOARD			
Moldboard Width - Straight	60" (152.40 cm)	48" (121.92 cm)	66" (167.64 cm)
Moldboard Width - @ 30 deg angle	52" (132.08 cm)	41" (104.14 cm)	57 1/8" (145.10 cm)
Moldboard Height	22" (55.88 cm)	22" (55.88 cm)	18 3/8" (47 cm) inside to 23 3/16" (59 cm) outside
Moldboard Width (Vee)	NA	NA	58 1/2" (148.59 cm)
Moldboard Width (Scoop)	NA	NA	57 1/8" (141.76 cm)
Moldboard Material	1/8" (.032 cm) HMW Polyethylene with UV Stabilizer	1/8" (.032 cm) HMW Polyethylene with UV Stabilizer	14 Gauge Steel
Support Ribs	4 Vertical	4 Vertical	4 Vertical, 1 Diagonal
Cutting Edge	1/4" x 4" (.64 cm x 10.16 cm), AR 400, Reversible	1/4" x 4" (.64 cm x 10.16 cm), AR 400, Reversible	1/4" x 4" (.64 cm x 10.16 cm), AR 400, Integrated Curb Guard
Snow Deflector	Optional	Optional	Optional
Plow Shoes	NA	NA	NA
PUSH FRAME ATTACHMENT BAR			
Super Structure	Formed Square Tubing 1-1/2"(38.1mm) x 1-1/2"(38.1mm) x 12 GA wall	Formed Square Tubing 1-1/2"(38.1mm) x 1-1/2"(38.1mm) x 12 GA wall	Formed Square Tubing 1-1/2"(38.1mm) x 1-1/2"(38.1mm) x 12 GA wall
Cross Bracing	4-1/4"(108mm) x 2-5/8"(66.7) x 3/16"(4.8mm) Plate	4-1/4"(108mm) x 2-5/8"(66.7) x 3/16"(4.8mm) Plate	4-1/4"(108mm) x 2-5/8"(66.7) x 3/16"(4.8mm) Plate
Moldboard Attachment Bolts	5/8"(15.9mm)-11 x 4"(101.6mm) GR5, Qty 4	5/8"(15.9mm)-11 x 4"(101.6mm) GR5, Qty 4	5/8"(15.9mm)-11 x 4"(101.6mm) GR5, Qty 4
Angle Pivot Bolt Diameter	5/8"(15.9mm)-11 x 4"(101.6mm) GR5, Qty 1	5/8"(15.9mm)-11 x 4"(101.6mm) GR5, Qty 1	5/8"(15.9mm)-11 x 4"(101.6mm) GR5, Qty 1
PUSH FRAME			
Super Structure	4"(101.6mm) x 2"(50.8mm) x 3/16"(4.8mm) Wall Tubing	4"(101.6mm) x 2"(50.8mm) x 3/16"(4.8mm) Wall Tubing	4"(101.6mm) x 2"(50.8mm) x 3/16"(4.8mm) Wall Tubing
Cross Bracing	3/16"(4.8mm) and 1/4"(6.3mm) Plate	3/16"(4.8mm) and 1/4"(6.3mm) Plate	3/16"(4.8mm) and 1/4"(6.3mm) Plate
Coupler Pivot Pin	3/4"(19mm) x 8-5/8"(219mm)	3/4"(19mm) x 8-5/8"(219mm)	3/4"(19mm) x 8-5/8"(219mm)
CENTER HINGE ASSEMBLY			
Thickness of Assembly	NA	NA	High Strength 3/16" (4.8mm) Steel Plate
Horizontal Pivot Pin Diameter	NA	NA	3/4"(19mm)
Vertical Pivot Pin Diameter	NA	NA	5/8" (15.9mm)
TRIP MECHANISM			
Trip Method	Full Moldboard	Full Moldboard	Full Moldboard
Trip Springs	2	2	2
Trip Spring Type	0.283"(7.2mm) Hooked Extension Spring	0.283"(7.2mm) Hooked Extension Spring	0.331"(8.4mm) Hooked Extension Spring
Trip Spring Adjustment	Spade Bolt	Spade Bolt	Spade Bolt
CONTROLS			
ATV Controls	Handlebar Mounted Switch Box w/Float Feature	Handlebar Mounted Switch Box w/Float Feature	Handlebar Mounted Switch Box, 3 Switches, 1 raise/lower, 2 angle
Midsized UTV Controls	NA	NA	SmartTouch 2™ Hand Held Control
HYDRAULIC SYSTEM PERFORMANCE			
Angling	3 Seconds at Full Pressure	3 Seconds at Full Pressure	3-1/2 Seconds at Full Pressure
Lift	2 Seconds at Full Pressure	2 Seconds at Full Pressure	2 Seconds at Full Pressure
Lower	Pre-set Flow Control	Pre-set Flow Control	Pre-set Flow Control
POWER UNIT			
Construction	Heavy Duty Aluminum Pump Housing w/Integrated Valve Manifold	Heavy Duty Aluminum Pump Housing w/Integrated Valve Manifold	Heavy Duty Aluminum Pump Housing w/Integrated Valve Manifold
Mounting	Plow Mounted with Enclosure Cover	Plow Mounted with Enclosure Cover	Plow Mounted with Enclosure Cover
Reservoir Capacity	1 Quart	1 Quart	1 Quart
Type	Fixed Displacement Gear Pump	Fixed Displacement Gear Pump	Fixed Displacement Gear Pump
Motor	12 VDC High Torque Motor	12 VDC High Torque Motor	12 VDC High Torque Motor
Amp Draw	65 Amps, 12 VDC, @ 1200 PSI	65 Amps, 12 VDC, @ 1200 PSI	65 Amps, 12 VDC, @ 1200 PSI
Relief Setting	1200 PSI Full Bypass Relief	1200 PSI Full Bypass Relief	1200 PSI Full Bypass Relief
Filtration	100 Mesh Screen on Inlet and Exhaust Tubes	100 Mesh Screen on Inlet and Exhaust Tubes	100 Mesh Screen on Inlet and Exhaust Tubes
Cartridge Valves	2 Solenoid-Operated 2-Way, Piloted Poppet Control Valves	2 Solenoid-Operated 2-Way, Piloted Poppet Control Valves	2 Solenoid-Operated 2-Way, Piloted Poppet Control Valves
	1 Solenoid-Operated 4-Way, 3-Position Regenerative Spool Control Valve	1 Solenoid-Operated 4-Way, 3-Position Regenerative Spool Control Valve	2 Solenoid-Operated 4-Way, 3-Position Regenerative Spool Control Valve
CYLINDERS			
Angling Cylinders			
Quantity	1 Double Acting	1 Double Acting	2 Double Acting
Stroke	6-1/4"(158.7mm)	6-1/4"(158.7mm)	6-1/4"(158.7mm)
Rod Diameter	1-1/16"(27mm)	1-1/16"(27mm)	1-1/16"(27mm)
Piston Diameter	1-1/2"(38.1mm)	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	Polyurethane and Buna-N Double Lip Seals
Lift Cylinders			
Quantity	1 Single Acting Pull Type	1 Single Acting Pull Type	1 Single Acting Pull Type
Stroke	4-1/2"(114.3mm)	4-1/2"(114.3mm)	4-1/2"(114.3mm)
Rod Diameter	1"(19mm)	1"(19mm)	1"(19mm)
Piston Diameter	1-3/4"(44.4mm)	1-3/4"(44.4mm)	1-3/4"(44.4mm)
Seal	Polyurethane and Buna-N Double Lip Seals	Polyurethane and Buna-N Double Lip Seals	Polyurethane and Buna-N Double Lip Seals
HITCH SYSTEM			
Undercarriage System	Low profile / Trail Compatible	Low profile / Trail Compatible	Low profile / Trail Compatible
Hitch System	Manual Attach	Manual Attach	Manual Attach
MISCELLANEOUS			
Snow Deflector	Rubber belting.	Rubber belting.	Rubber belting.
Plow Shoes	Optional 2"(50.8mm) Diameter wear pad with 3/8"(9.5mm) steel rod	Optional 2"(50.8mm) Diameter wear pad with 3/8"(9.5mm) steel rod	Optional 2"(50.8mm) Diameter wear pad with 3/8"(9.5mm) steel rod
PLOW WEIGHT*			
	190 lbs (86 kg)	170 lbs (77 kg)	245 lbs (111 kg)
WARRANTY			
	Limited 2 year Parts and Labor	Limited 2 year Parts and Labor	Limited 2 year Parts and Labor

* Includes mount.

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