



Tractor-type windrow turners specs

	unit	3400-SP	4400-SP	4900-SP	5400-SP	6400-SP
General datas						
Width from the center of the tractor	m	5	6,1	6,6	7	8,7
Net weight	kg	4160	4370	5600	6400	8900
Lifting counterweight		No need	No need	No need	No need	No need
Control panel		Mech+electric	4,3" touch screen	4,3" touch screen	4,3" touch screen	7" touch screen
Windrow size						
Width in between front clearer tips	m	3,4	4,4	4,9	5,4	6,4
Tunnel height – machine on the ground	m	1,7	1,8	1,9	2	2,2
Tunnel height – machine lifted	m	2,2	2,35	2,45	2,55	2,75
Lift height. machine + drum	cm	50	55	55	55	55 height displayed
Tunnel cross section	m2	4,85	6,95	8,19	9,51	12,48
Rotor drum						
Length	m	3	4	4,5	5	6
Tube diameter	mm	610	610	610	610	610
Diameter with paddles	m	1,01	1,1	1,1	1,1	1,1
Tube thickness	mm	8	10	10	10	10
Number of paddles		28	40	44	52	64
Paddle thickness	mm	10	10	10	10	10
Wear parts on drum screw		N/A	N/A	op	op	✓
Rotation speed	rpm	Up to 223	Up to 223	Up to 245	Up to 245	Up to 245
Transmission		Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Transmission protections		torque limiter + freewheel	torque limiter + freewheel	torque limiter + freewheel	torque limiter + freewheel	torque limiter + freewheel
Tractor spec.						
Power range	hp	60 to 95	80 to 110	90 to 150	100 to 180	200 to 250
PTO speed	rpm	540	540	1000	1000	1000
Standard PTO shaft		1"3/8 X 6 splines	1"3/8 X 6 splines	1"3/8 X 6 splines	1"3/8 X 6 splines	1"3/4 X 20 splines
Optional PTO shaft		1"3/8 X 21 splines	1"3/8 X 21 splines	1"3/8 X 21 splines	1"3/8 X 21 splines	1"3/8 X 6 splines
Tractor gear during the turning		Neutral position	Neutral position	Neutral position	Neutral position	Continuous Variable Transmission
Creeper gear		No need	No need	No need	No need	
Hitch		above PTO shaft ; need a "ladder hitch" adaptor ; 90cm above ground level				K80 ball hitch above or underneath PTO
Hydraulic connections		2 couplers either 1/2" ISO 7241: single-acting version and open return line ; or double-acting version.				same + 1 Load Sensing plug. 3/8 " ISO 7241.
Hydraulic flow		occasional 30 L/min (cylinders)				permanent 30 L/min (power wheel)
Electric plugs		Plug with 3 prongs 12V DIN9680				
Break connections		1 coupler 1/2" ISO 5676				
Self-propulsion device						
MENART hydraulic driving wheels		2	2	2	2	1 (external)
Independent traction – left / right		✓	✓	✓	✓	N/A
Working tyres (other options on request)		13.6 R 24	13.6 R 24	440/65 R 22.5	440/65 R 22.5	right: 540/65 R30 left: 440/65 R24
Independent hydraulic circuit (tank, pump...)		op	✓	✓	✓	N/A
Continuous adjustable speed		✓	✓	✓	✓	✓
Maximum working speed	m/h	800	800	1000	1200	1500
Mobility on road towed by tractor						
Speed – depending road quality	km/h	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30

Length in transport mode (light bar included)	m	7,9	9,05	9,6	10,4	11,2
Height at transport	m	2,6	3,4	3,6	3,7	3,6
Horizontal alignment adjustment (hydraulic device)		N/A	N/A	N/A	N/A	✓
Transport wheels		2	2	2	2	2
Transport tyres (other options on demand)		315/80 R 22.5	315/80 R 22.5	315/80 R 22.5	315/80 R 22.5	385/65 R 22.5
Other choice at no extra cost		N/A	385/65 R 22.5	385/65 R 22.5	385/65 R 22.5	500/60 R 22.5
Some available accessories and other features						
Coated drum for corrosion resistance		op	op	op	op	op
Liquid injection connections, pipe ø 75mm		op	op	op	op	op
Microorganism spraying device		op	op	op	op	op
Rotor drum hourmeter		op	✓	✓	✓	✓
Odometer		op	op	op	op	op
Lightbar		N/A	N/A	op	op	op
Monitoring software : working hours counter, odometer, data extraction...		N/A	op	op	op	op
Fleece roller (requires one more hydraulic connection)		op	op	op	op	to be confirmed
High traction right driving wheel		N/A	N/A	op	op	op
Pneumatic brake		N/A	N/A	N/A	N/A	to be confirmed
Tank trailer accessories: hitch for a 4 wheels tank trailer (8 metric Tones max) + variable pump (600 L/min max)		N/A	N/A	N/A	N/A	op
Standard painting		2 coats of 2-component acrylic polyurethane anti-rust primer + 2 top coats of 2-component polyurethane paint. 160 µm thickness.				
Safety and confort						
Projectiles protection: rear metallic deflector		op	✓	✓	✓	✓
Projectiles protection: front rubber curtain		✓	✓	✓	✓	✓
Oil level indicator - Porthole on tank		op	✓	✓	✓	no tank
Rotating beacon		op	op	op	op	op
Camera focused on the right driving wheel		N/A	op	op	op	op

op optional
 ✓ included
 N/A non available