

[Home](#) > [Weld Automation Sales](#) > [Growing Line Systems](#) > RDA GLS300 CE

## RDA GLS300 CE



### Top Features

- 300 Tonne Growing Line Rotation Capacity
- 100 Tonne Infeed Rotation Capacity
- 1500 mm to 7315 mm Vessel Diameter Capacity

Growing lines facilitate the efficient production of large diameter, tubular work pieces and are typically used in wind tower manufacturing. The RDA GLS300 CE growing line system consists of a growing line drive (GLD), growing line idler (GLI), transition unit (TR), master fit up (MFU) and slave fit up (SFU).

[▶ Growing Line Systems](#)

### Next Steps

[Get a Quote](#)

[Ask a Question](#)

[Contact Sales](#)

[Find a Location](#)

[Buy Used Equipment](#)

Feedback

### Product Details

#### Specifications

[Additional Features](#)

[All Product Resources](#)

[Options, Accessories and Related Equipment](#)

Model: RDA GLS300 CE

RDA GLS300 CE Growing Line System Components:

#### Growing Line Drive (GLD)

Model: RDA GLD300 CE

Load Carrying Capacity: 150 tonne maximum

Rotation Capacity: 300 tonne maximum

Vessel Diameter Capacity: 1500 mm to 7500 mm

Wheel Center Distance: 1089, 1890, 2690, 3490 mm

Rotaton Speed Range: 100 - 1000 mm/min

Tire Type: Polyurethane, A95 durometer rating

Wheel Size: 864 mm diameter x 406 mm wide

Undercarriage Track Dimensions: #2500 inside based on A75 rail profile

Control: Push button pendant, 20 m cable (forward/stop/reverse/speed control/emergency stop)  
Selector for rotator/undercarriage

Rotation Drive Motors: 2 x 5.5 kW with fan cooling

Primary Input Power: 380 to 480 V, 3 phase, 50/60 Hz

Weight: 7484 kg

#### Growing Line Idler (GLI)

Model: RDA GLI300 CE

Load Carrying Capacity: 150 tonne maximum

Vessel Diameter Capacity: 1500 mm to 7500 mm

Wheel Center Distance: Variable via motorized spindle

Motorized Spindle Speed: 100 mm/min (TBC)

Tire Type: Polyurethane, A95 durometer rating

Wheel Size: 864 mm diameter x 406 mm wide

Undercarriage Traverse Speed: Slave unit, manual

Undercarriage Track Dimensions: #2500 inside based on A75 rail profile

Control: Push button pendant, wheel carriage (in/out)

Primary Input Power: 380 to 480 V, 3 phase, 50/60 Hz

Weight: 6000 kg

**Transition Unit (TR)**

Model:	RDA TR300 CE
Load Carrying Capacity:	150 tonne maximum
Vessel Diameter Capacity:	1500 mm to 7500 mm
Roller Carriage Distance:	Variable via motorized spindle
Motorized Spindle Speed	100 mm/min (TBC)
Roller Type:	Steel
Roller Size:	350 mm diameter x 800 mm wide
Control:	Push button pendant, transition roller carriage (in/out)
Primary Input Power:	380 to 480 V, 3 phase, 50/60 Hz
Weight:	4000 kg

**Master Fit Up (MFU)**

Model:	RDA MFU100 CE
Load Carrying Capacity:	50 tonne maximum
Vessel Diameter Capacity:	1500 mm to 7500 mm
Wheel Center Distance:	Variable via motorized spindle
Motorized Spindle Speed	100 mm/min (TBC)
Tire Type:	Polyurethane, A95 durometer rating
Tire Size:	559 mm diameter x 178 mm in wide
Linear Motion:	400 mm of motorized travel
Linear Motion Speed:	100 mm/min
Control:	Wheel carriages: in/out (1 wheel, 2 wheels, 4 wheels) Linear motion: forward/reverse
Primary Input Power:	380 to 480 V, 3 phase, 50/60 Hz
Weight:	3000 kg

**Slave Fit Up (SFU)**

Model:	RDA SFU100 CE
Load Carrying Capacity:	50 tonne maximum
Vessel Diameter Capacity:	1500 mm to 7500 mm
Wheel Center Distance:	Variable via motorized spindle
Motorized Spindle Speed	100 mm/min (TBC)
Tire Type:	Polyurethane, A95 durometer rating
Tire Size:	560 mm diameter x 178 mm wide
Linear Motion:	Manual with 400 mm of travel
Linear Motion Speed:	Slave unit, manual
Control:	Wheel carriages: in/out
Primary Input Power:	380 to 480 V, 3 phase, 50/60 Hz
Weight:	2500 kg