



QingDao Vormax Construction Machinery Co., Ltd.

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2L- 25 Laser Screed Machine

2L-25 Laser Screed Machine Specifications

Category	Parameter	Value
Power Configuration		
Power Configuration	Engine Model	Jialing Gasoline Engine
Power Configuration	Engine Power	3kW
Power Configuration	Fuel Tank Capacity	18L (10 hours of operation)
Laser System		
Laser System	Laser Control System	Laser Intelligent Control System
Laser System	Laser Transmitter	High-precision TONWAY / Topcon Transmitter
Laser System	Laser Control Effect	Flat surface, Sloped surface
Laser System	Laser Control Method	Automatic control by laser micro-system, achieving automatic leveling
Screed System		
Screed System	Screed Head Suspension	Independent suspension system for screed head
Screed System	Vibrating Plate Width	2500mm
Screed System	Screeding Thickness	50–240mm
Screed System	Excitation Force	2000N
Screed System	Vibration Motor Speed	4000rpm
Travel System		
Travel System	Travel Drive	Servo drive motor
Travel System	Travel Mode	Manual adjustment, stepless speed change
Travel System	Travel Speed	0–20m/min
Travel System	Tires	Solid anti-slip, anti-puncture tires (narrow + wide tires)
Dimensions & Weight		
Dimensions & Weight	Machine Dimensions (L×W×H)	3220 × 2780 × 1172mm
Dimensions & Weight	Machine Weight	280kg



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31- 25 Laser Screed Machine

31-25 Laser Screed Machine Specifications		
Category	Parameter	Value
Power Configuration		
Power Configuration	Engine Model	Honda 690 / LONCIN (Optional)
Power Configuration	Engine Power	22kW / 30ps
Power Configuration	Oil Capacity	1.8L
Power Configuration	Fuel Tank Capacity	37L
Laser System		
Laser System	Laser Transmitting System	Swiss Leica / TONWAY Transmitter / Topcon (Optional)
Laser System	Laser Receiving System	Swiss Leica / TONWAY Receiver / Topcon (Optional)
Laser System	Laser Control System	Danfoss Control System
Laser System	Laser Control Effect	Flat surface, sloped surface or dual-slope (3D)
Laser System	Laser Control Method	Automatic control by laser micro-system, achieving automatic leveling
Screed System		
Screed System	Paving Method	Hydraulic auger paving
Screed System	Suspension Type	Fixed type
Screed System	Vibrating Plate Width	2525mm / 2955mm
Screed System	Screeding Thickness	50-250mm
Screed System	Excitation Force	2000N
Screed System	Vibration Motor Speed	3600rpm
Travel System		
Travel System	Travel Drive	Low-speed high-torque reducer + hydraulic drive motor
Travel System	Intelligent Travel Control	One-key constant speed cruise
Travel System	Travel Speed	0-55m/min
Travel System	Working Speed	4-20m/min (adjustable)
Travel System	Tires	Solid anti-slip, anti-puncture narrow tires
Dimensions & Weight		
Dimensions & Weight	Machine Dimensions (L×W×H)	3250 × 2850 × 1320mm
Dimensions & Weight	Machine Weight	900kg



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35- 25 Laser Screed Machine

35-25 Laser Screed Machine Specifications		
Category	Parameter	Value
Power Configuration		
Power Configuration	Engine Model	Briggs & Stratton 38E3 / LONCIN / Honda 690 (Optional)
Power Configuration	Engine Type	Gasoline, air-cooled 4-stroke, twin-cylinder engine
Power Configuration	Engine Power	22.8kW / 23ps / 31ps
Power Configuration	Fuel Tank Capacity	20L (approx. 8 hours of operation)
Power Configuration	Hydraulic Oil Capacity	35L
Laser System		
Laser System	Laser Transmitter	Swiss Leica / TONWAY Transmitter / Topcon (Optional)
Laser System	Laser Receiver	Swiss Leica / TONWAY Receiver / Topcon (Optional)
Laser System	Laser Control Effect	Flat surface, sloped surface, dual-slope (3D)
Laser System	Laser Control Method	Microcomputer laser scanning
Screed System		
Screed System	Paving Method	Hydraulic auger paving
Screed System	Vibration Type / Excitation Force	Hydraulic vibration / 2000N
Screed System	Vibrating Plate Width	2500mm
Screed System	Screeding Thickness	60-300mm
Travel System		
Travel System	Travel Drive	Integrated reducer-motor
Travel System	Travel Speed	0-4km/h (adjustable)
Travel System	Tires	Solid anti-slip, anti-puncture tires (wide tires optional)
Dimensions & Weight		
Dimensions & Weight	Machine Dimensions (L×W×H)	3300 × 3460 × 1650mm
Dimensions & Weight	Machine Weight	1000kg

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35- 30 Laser Screed Machine

35-30 Laser Screed Machine Specifications

Category	Parameter	Value
Power Configuration		
Power Configuration	Engine Model	Briggs & Stratton 38E3 / LONCIN (Optional)
Power Configuration	Engine Type	Gasoline, air-cooled 4-stroke, twin-cylinder engine
Power Configuration	Engine Power	22.8kW / 35ps
Power Configuration	Fuel Tank Capacity	20L (approx. 8 hours of operation)
Power Configuration	Hydraulic Oil Capacity	35L
Laser System		
Laser System	Laser Transmitter	Leica / TONWAY / Topcon Transmitter (Optional)
Laser System	Laser Receiver	Leica / TONWAY / Topcon Receiver (Optional)
Laser System	Laser Control Effect	Flat surface, sloped surface, dual-slope (3D)
Laser System	Laser Control Method	Microcomputer laser scanning
Screed System		
Screed System	Paving Method	Hydraulic auger paving
Screed System	Vibration Type / Excitation Force	Hydraulic vibration / 2000N
Screed System	Vibrating Plate Width	3000mm
Screed System	Screeding Thickness	60–300mm
Travel System		
Travel System	Travel Drive	Integrated reducer-motor
Travel System	Travel Speed	0–4km/h (adjustable)
Travel System	Tires	Solid anti-slip, anti-puncture tires (wide tires optional)
Dimensions & Weight		
Dimensions & Weight	Machine Dimensions (L×W×H)	3300 × 3460 × 1650mm
Dimensions & Weight	Machine Weight	1000kg



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60- 30 Laser Screed Machine

60-30 Laser Screed Machine Specifications		
Category	Parameter	Value
Power Configuration		
Power Configuration	Engine Model	Yanmar 4TNV94L
Power Configuration	Engine Type	Diesel, 4-cylinder
Power Configuration	Engine Power	35.5kW / 48hp
Power Configuration	Fuel Tank Capacity	100L (10–15 hours of operation)
Power Configuration	Hydraulic Oil Capacity	150L
Power Configuration	Hydraulic System	Danfoss
Laser System		
Laser System	Laser Transmitter	Swiss Leica / USA Trimble / Topcon Transmitter (Optional)
Laser System	Laser Receiver	Swiss Leica / USA Trimble / Topcon Receiver (Optional)
Laser System	Laser Control Effect	Flat surface, sloped surface, dual-slope (3D)
Laser System	Laser Control Method	Microcomputer laser scanning
Screed System		
Screed System	Paving Method	Hydraulic auger paving
Screed System	Auger Drive	Hydraulic motor
Screed System	Auger Feature	Flip up/down for easy cleaning, interchangeable left/right
Screed System	Vibration Type / Excitation Force	Hydraulic vibration / 2000N
Screed System	Boom Length	6000mm
Screed System	Vibrating Plate Width	3100mm
Screed System	Screeding Thickness	100–450mm
Travel System		
Travel System	Travel Speed	4–8km/h, 24m ² /min
Travel System	Drive Type	Hydraulic 4-wheel drive
Travel System	Outriggers	One-key four-leg auto-leveling
Travel System	Steering Mode	Front-wheel + 4-wheel + crab steering
Travel System	Tires	Solid anti-slip, anti-puncture tires
Travel System	Washer Flow Rate	15L/min
Dimensions & Weight		
Dimensions & Weight	Machine Dimensions (L×W×H)	5350 × 3650 × 2040mm
Dimensions & Weight	Machine Weight	6500kg



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60- 40 Laser Screed Machine

60-40 Laser Screed Machine Specifications		
Category	Parameter	Value
Power Configuration		
Power Configuration	Engine Model	Yanmar 4TNV98T
Power Configuration	Engine Type	Diesel, 4-cylinder
Power Configuration	Engine Power	63.9kW / 86hp
Power Configuration	Fuel Tank Capacity	140L (10–15 hours of operation)
Power Configuration	Hydraulic Oil Capacity	200L
Power Configuration	Hydraulic System	Danfoss
Laser System		
Laser System	Laser Transmitter	Swiss Leica / USA Trimble / Topcon Transmitter (Optional)
Laser System	Laser Receiver	Swiss Leica / USA Trimble / Topcon Receiver (Optional)
Laser System	Laser Control Effect	Flat surface, sloped surface, dual-slope (3D)
Laser System	Laser Control Method	Microcomputer laser scanning
Screed System		
Screed System	Paving Method	Hydraulic auger paving
Screed System	Auger Drive	Hydraulic motor
Screed System	Auger Feature	Flip up/down for easy cleaning, interchangeable left/right
Screed System	Vibration Type / Excitation Force	Hydraulic vibration / 2000N
Screed System	Boom Length	6000mm
Screed System	Vibrating Plate Width	4000mm
Screed System	Screeding Thickness	100–500mm
Travel System		
Travel System	Travel Speed	4–8km/h, 24m ² /min
Travel System	Drive Type	Hydraulic 4-wheel drive
Travel System	Outriggers	One-key four-leg auto-leveling
Travel System	Steering Mode	Front-wheel + 4-wheel + crab steering
Travel System	Tires	Solid anti-slip, anti-puncture tires
Travel System	Washer Flow Rate	15L/min
Dimensions & Weight		
Dimensions & Weight	Machine Dimensions (L×W×H)	5495 × 4555 × 2630mm
Dimensions & Weight	Machine Weight	8500kg



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