

Pumper

Pavement marking machine

Technical data

	MAXI 240	MAXI 500
Truck Chassis		
Chassis Model	Isuzu FTR	Isuzu FVR
US Truck Class	6	7
Chassis GVWR	25,900 lbs	33,000 lbs
Chassis Engine	Cummins B6.7 (6.7L)	Cummins B6.7 (6.7L)
Chassis Engine Performance	260 HP (2,400 1/min)	260 HP (2,400 1/min)
Front Axle & Suspension Type	Dana E-1254W steer axle, 12k GAWR	Dana E-1254W steer axle, 12k GAWR
Rear Axle & Suspension Type	Air spring Dana S19-140, 19k GAWR	Air spring Dana S21-140, 21k GAWR
Chassis Wheelbase	12‘ 8“	14‘ 2“
Overall Truck Length (Approx.)	28‘	29‘
Overall Truck Height (Approx.)	11‘	11‘
Turning Radius (Curb to Curb)	21.8‘	23.7‘
Fuel Type	Diesel	Diesel
Fuel Tank Size	50 gal	50 gal
Equipement Platform		
Material of Construction	Structural steel	Aluminum
Deck Surface	Flat sheet steel with abrasive grip tape	Flat sheet aluminum with abrasive grip tape
Overall Width	8‘	8‘
Overall Length	16‘ 8“	18‘ 6“
Riser Height	8“	8“
Equipement Utilities		
Auxiliary Engine	74 hp Tier 4F diesel engine	74 hp Tier 4F diesel engine
Air Compressor Model	BOSS 210 utility skid rotary screw compressor	BOSS 210 utility skid rotary screw compressor
Air Dryer	Schmidt coalescing dryer	Schmidt coalescing dryer

	MAXI 240	MAXI 500
Hydraulic Pump	Gear Pump, engine aux drive	Gear Pump, engine aux drive
Hydraulic System Type	Closed center, with return filter	Closed center, with return filter
Hydraulic Reservoir	10 gal	10 gal
Cleaner System		
Cleaner Tank Type	Stainless steel ASME	Stainless steel ASME
Cleaner Tank Capacity	20 gal	20 gal
Gun Flushing	Manual 3-way valve gun flushing in Console	Manual 3-way valve gun flushing in Console
Application Material System		
Material Tank Type	Stainless steel non-pressure round tanks with hydraulic agitator	Stainless steel non-pressure round tanks with hydraulic agitator
Material Tank Quantity	2	2
Material Pumps	2“ MB Diaphragm pumps with PTFE seals and balls	2“ MB Diaphragm pumps with PTFE seals and balls
Material Plumbing	2“ Stainless steel sanitary process plumbing	2“ Stainless steel sanitary process plumbing
Material Manifold Filter	Stainless steel with sanitary clamp end and 100 sq in filter	Stainless steel with sanitary clamp end and 100 sq in filter
Glass Bead System		
Glass Bead Tank Type	Steel ASME with (3) sight gauges	Steel ASME with (3) sight gauges
Glass Bead Tank Quantity	1	1
Glass Bead Tank Capacity	1,500 lbs	3,000 lbs
Glass Bead Loading	Vacuum fill with jet pump	Vacuum fill with jet pump
Loading Rate	200 lbs/min	200 lbs/min
Glass Bead Plumbing	2“ Sanitary and/or NPT	2“ Sanitary and/or NPT
Glass Bead Manifold	Steel with sanitary clamp end	Steel with sanitary clamp end
Glass Bead & Paint Guns, Air Blowers		
Paint Guns	Kamber 38-15	Kamber 38-15
Paint Gun Quantity	4	4
Glass Bead Guns	Kamber 90HO	Kamber 90HO
Glass Bead Gun Quantity	3	3
Air Blowers	3	3
Outrigger & Carriage Type		
Outrigger Location	Rear	Rear
Carriage Style	Linear bearing vertical lift with pneumatic cylinders	Linear bearing vertical lift with pneumatic cylinders
Outrigger Travel	48“	48“
LH Carriage Wheel Quantity	2	2
RH Carriage Wheel Quantity	1	1
Operator Area		
Operator Cover Type	Canopy	Canopy
Operator Seats	(2) Air ride vinyl high back seats	(2) Air ride vinyl high back seats
Control Box Mounts	Weatherproof enclosures on RAM ball mounts	Weatherproof enclosures on RAM ball mounts
Equipment Controls		
Outrigger Steering	Tilting & telescoping steering columns	Tilting & telescoping steering columns
Operator Console	Single rear console	Single rear console
Skip Timer Control Boxes	(2) Skipline SC-12	(2) Skipline SC-12
Digital Speed Meter	In front cab	In front cab
Lighting		
Cab Lights	Amber LED light bar	Amber LED light bar
Platform ICC Lights	3/4“ LED Marker lights	3/4“ LED Marker lights
Carriage Lights	Red/white flashers	Red/white flashers
Safety		
Fire Extinguishers	(1) 5# in cab / (1) 10# on platform	(1) 5# in cab
Ladders	(3) Ladders and rear steps	(3) Ladders and rear steps
Platform Railings	42“ Square tube railing / rounded corners / bolt-on	42“ Square tube railing / rounded corners / bolt-on

	MAXI 550 TOTE	MAXI 800
Truck Chassis		
Chassis Model	Isuzu FVR	Peterbilt 520
US Truck Class	7	8
Chassis GVWR	33,000 lbs	60,000 lbs
Chassis Engine	Cummins B6.7 (6.7L)	Paccar PX-9 (8.9L)
Chassis Engine Performance	260 HP (2,400 1/min)	360 HP (2,000 1/min)
Front Axle & Suspension Type	Dana E-1254W steer axle, 12k GAWR	Paccar FX-20 steer axle, 20k GAWR
Rear Axle & Suspension Type	Air spring Dana S21-140, 21k GAWR	Air spring Dana DSP41, 40k GAWR
Chassis Wheelbase	14‘ 2“	14‘ 2“
Overall Truck Length (Approx.)	29‘	33‘
Overall Truck Height (Approx.)	11‘	11 1/2‘
Turning Radius (Curb to Curb)	23.7‘	32‘
Fuel Type	Diesel	Diesel
Fuel Tank Size	50 gal	80 gal
Equipement Platform		
Material of Construction	Aluminum	Structural steel
Deck Surface	Flat sheet aluminum with abrasive grip tape	Flat sheet steel with abrasive grip tape
Overall Width	8‘	8‘
Overall Length	18‘ 6“	22‘ 8“
Riser Height	8“	8“
Equipement Utilities		
Auxiliary Engine	74 hp Tier 4F diesel engine	74 hp Tier 4F diesel engine
Air Compressor Model	BOSS 250 utility skid rotary screw compressor	BOSS 210 utility skid rotary screw compressor
Air Dryer	Schmidt coalescing dryer	Schmidt coalescing dryer
Hydraulic Pump	Gear Pump, engine aux drive	Gear Pump, engine aux drive
Hydraulic System Type	Closed center, with return filter	Closed center, with return filter
Hydraulic Reservoir	10 gal	10 gal
Cleaner System		
Cleaner Tank Type	Stainless steel ASME	Stainless steel ASME
Cleaner Tank Capacity	20 gal	40 gal
Gun Flushing	Manual 3-way valve gun flushing in Console	Manual 3-way valve gun flushing in Console
Application Material System		
Material Tank Type	Customer-supplied tote (poly or stainless steel)	Stainless steel rectangular bulk tank, 2 compartments, hydraulic agitators
Material Tank Quantity	2	2
Material Pumps	2“ MB Diaphragm pumps with PTFE seals and balls	2“ MB Diaphragm pumps with PTFE seals and balls
Material Plumbing	2“ Stainless steel sanitary process plumbing	2“ Stainless steel sanitary process plumbing
Material Manifold Filter	Stainless steel with sanitary clamp end and 100 sq in filter	Stainless steel with sanitary clamp end and 100 sq in filter
Glass Bead System		
Glass Bead Tank Type	Steel ASME with (3) sight gauges	Steel ASME with (3) sight gauges
Glass Bead Tank Quantity	1	1
Glass Bead Tank Capacity	3,000 lbs	5,000 lbs
Glass Bead Loading	Vacuum fill with jet pump	Vacuum fill with jet pump
Loading Rate	200 lbs/min	200 lbs/min
Glass Bead Plumbing	2“ Sanitary and/or NPT	2“ Sanitary and/or NPT
Glass Bead Manifold	Steel with sanitary clamp end	Steel with sanitary clamp end
Glass Bead & Paint Guns, Air Blowers		
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Paint Gun Quantity	4	4
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Outrigger Location	Rear	Rear
Carriage Style	Linear bearing vertical lift with pneumatic cylinders	Linear bearing vertical lift with pneumatic cylinders
Outrigger Travel	48“	48“
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RH Carriage Wheel Quantity	1	1
Operator Area		
Operator Cover Type	Canopy	Canopy
Operator Seats	(2) Air ride vinyl high back seats	(2) Air ride vinyl high back seats
Control Box Mounts	Weatherproof enclosures on RAM ball mounts	Weatherproof enclosures on RAM ball mounts
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Ladders	(2) Ladders and rear steps	(3) Ladders and rear steps
Platform Railings	42“ Square tube railing / rounded corners / bolt-on	42“ Square tube railing / rounded corners / bolt-on

aebi schmidt group

Aebi Schmidt North America Inc.
201 MB Lane
Chilton, WI 53014, USA
Phone: +1 800 558 5800
www.aebi-schmidt.com

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Telemet · Office in Chile

Los Canteros 8723, La Reina, Santiago 7880414, Chile

Phone +56 22 356 2735

info@telemet.com

telemet.com