

MAULDIN

690-F ASPHALT PAVER

- **FREEDOM Screed™ with Patented Automatic Extension Matching System**
- **8' - 13' Seamless Paving**
- **Machined and Polished Chrome Extension Guides**
- **Extending Augers and Extending Walkboard**
- **Heated Extensions and Main Screed**
- **Smooth, Precise Tandem Pump Steering with Positive Neutral in Crawler Track or Rubber Tire**
- **High-Torque Paving Gear or High-Speed Travel Gear**
- **Enclosed 38 HP Four-Cylinder Diesel, Liquid Cooled**



FREEDOM Screed™ Technology



Extension Controls and Handles

- ◆ **Exclusive design incorporates extending, reversing augers to ensure maximum control of asphalt (no shoveling).**
- ◆ **Automatic or manual auger controls are standard equipment.**
- ◆ **Delivers asphalt where and when it is needed.**
- ◆ **Patented single adjustment delivers a seamless mat every time.**
- ◆ **Operator simply controls depth, and the screed will do the rest.**
- ◆ **Freedom mechanism allows the extensions to maintain a matched height with the main screed automatically.**
- ◆ **Separate heating for each extension ensures a quality mat.**
- ◆ **Bolt-on replaceable bottoms for both the main screed and the screed extensions make maintaining the Freedom Screed easy.**
- ◆ **Solid chrome-plated extension guide rods provide rigid construction and eliminate drooping.**



Complete Cont



Masters of the Mat



Roadways to Driveways

- ♦ Two speed transmission provides a high-torque paving gear and high-speed travel gear.
- ♦ Gear driven steering provides a very easy to find neutral position.
- ♦ Undercarriage comes in track or all wheel drive rubber tire version to match underfoot conditions.

Loaded with Standard Features

- ♦ Full engine enclosure for the operator.
- ♦ Separate tank for diesel fuel and washdown solvent are convenient and environmentally friendly.
- ♦ Single lever hopper control from both sides makes for easy head of material management.
- ♦ Independent adjustment for lead and tail crown for a uniform mat.
- ♦ Left hand and right hand material flow gates lets the operator place material where it is needed to minimize hand work.



Control Made Easy

690-F GRAVITY FEED ASPHALT PAVER

DIMENSIONS		CRAWLER TRACK	RUBBER TIRE	
Length	106"	269 cm	99"	251 cm
Width, Hopper Open	118"	299 cm	118"	299 cm
Width, Hopper Closed ^{8'} Screenshot	101"	257 cm	101"	257 cm
Track-to-Track Width	95"	241 cm	95"	241 cm
Height	70"	179 cm	70"	179 cm
Truck Clearance	21"	53 cm		
WEIGHT				
38 HP	28 KW	9,700 lbs	4,400 kg	9,300 lbs 4,218 kg
CRAWLER TRACK SUSPENSION				
Length	55"			140 cm
Ground Coverage	1,320 sq in			4,270 sq cm
Bolt-On Rubber Track Pads				Optional
Bolt-On Polyurethane Track Pads				Optional
RUBBER TIRE SUSPENSION (ALL WHEEL DRIVE)				
Quantity			8	
Foam-Filled Tire Dimension		8" x 20.5" 10 Ply		
OPERATION				
Paving Speed	0 - 140 FPM			43 MPM
Travel Speed	0 - 240 FPM			73 MPM
Hopper Lift		Two Hydraulic Cylinders		
Material Flow Gates		Two, 4' Hydraulic Controls		
Screenshot Lift		Hydraulic Cylinder		
CAPACITIES				
	Gravity Feed Hopper		6 tons (US)	5,443 kg
	Fuel Tank		13 gal	49 lit
	Hydraulic Oil Tank		17.5 gal	66 lit
	Washdown System		4.5 gal	17 lit
FULLY FLOATING SCREEN				
	Heating System		Propane with Lighting Wand	
	8" - 13' with Extendable 9" Diameter Auger			Standard
	Width, Main Screenshot		15"	38 cm
	Width, Hydraulic Screenshot Extension		7.5"	19 cm
	Independent Crown/Inver Control		3"	76 mm
	Sets of 1', 2' and 3' Screenshot Cut-Off Plates			Optional
FREEDOM Screenshot™				
	8" - 13' Vibratory Screenshot			
	9" Extending Augers			
	Extending Walkboard			
	Automatic Adjustment for Seamless Match with Main Screenshot			
	Propane Heating with Two Main Burners and One Burner per Extension			
	Replaceable Extension Wear Plate			
	Chrome-Plated Guide Rods			
	High-Load, Self Lubricating Bearings for Slide Mechanism			
GOLD KEY OPTIONS PACKAGE				
	Two-Speed Drive			
	High-Torque Paving Gear/High-Speed Travel Gear			
OPTIONAL EQUIPMENT				
	Ultra-Sonic Feed Sensors			

Calder Brothers Corporation reserves the right to make changes in engineering, design and specifications, add improvements, or discontinue manufacture at any time without notice or obligation.

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Sold & Serviced by:



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