### 690-F ASPHALT PAVER

- ➤ FREEDOM Screed<sup>™</sup> 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 qualtiy 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









#### **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.
- Seperate 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.





# trol Made Easy

# 690-F GRAVITY FED ASPHALT PAVER

DIMENSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES         CAPACITIES         CAPACITIES           Length         106°         289 cm         99°         251 cm         Gardly Feed Hopper         6 tons us         5.443 kg           Width, Hopper Closed stowed         101°         29 cm         118°         299 cm         Hydraulic Oil Tank         17.5 gal         49 it           Width, Hopper Closed stowed         101°         257 cm         101°         257 cm         Hydraulic Oil Tank         17.5 gal         66 lit           Track-Lot ack Width         95°         241 cm         95°         241 cm         Hydraulic Oil Tank         4.5 gal         17 lit           Height         70°         179 cm         70°         179 cm         Full Y FLOATING SCREED         4.5 gal         17 lit           WEIGHT         95°         241 cm         Washdown System         Width, Main Screed         48°         18°         30°         93°         28°         18°         18°         30°         18°         30°         18°         30°         18°         30°         18°         30°         18°         30°         18°         30°         18°         30°         18°         30°         18°         30°	01.15.09		Ultra-Sonic Feed Sensors					
SISIONS   CRAWLER TRACK   RUBBER TIRE   CAPACITIES			OPTIONAL EQUIPMENT					
SISIONS			High-Torque Paving Gear/High-Speed Travel Gear		lic Cylinder	Hydrau		Screed Lift
SISIONS			Two-Speed Drive		traulic Controls	Two, 4' Hyc		Material Flow Gates
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES         6           106°         269 cm         99°         251 cm         Gravity Feed Hopper         6           10pper Open         118°         299 cm         118°         257 cm         101°         257 cm         13           10pper Open         118°         299 cm         118°         295 cm         118°         297 cm         10°         257 cm         118°         290 cm         118°         297 cm         118°         118°         298 cm         298 cm         29°         298 cm         29°         29°         29°         29°         29°         29°         29°         29°         29°         <			GOLD KEY OPTIONS PACKAGE		ulic Cylinders	Two Hydra		Hopper Lift
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES         CAPACITIES         6           100°°         289 cm         99°         251 cm         Gravily Feed Hopper         6           Lopper Open         118°         299 cm         118°         299 cm         121°           Hopper Closed stand         101°         257 cm         101°         257 cm         Hydraulic Oil Tank         17           Hopper Closed stand         101°         257 cm         101°         257 cm         Hydraulic Oil Tank         17           Healing System         70°         179 cm         Washdown System         4         4           Healing System         8° - 13° with Extendable 9° Diameter Auger         18         28         140 cm         8° - 13° with Extendable 9° Diameter Auger         15           28 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Main Screed         Moth, Hydraulic Screed Extension         15           LER TRACK SUSPENSION         4,270 sq cm         Sets of 1°, 2° and 3° Screed Cut-Off Plates         7           Coverage         1,320 sq in         4,270 sq cm         FREEDOM SCREED         15           Fundamental Polyurethance Track Pads         Optional         8° - 13° Vibratory Screed				73 MPM		240 FPM	0-2	Travel Speed
SISIONS   CRAWLER TRACK   RUBBER TIRE   CAPACITIES		anism	High-Load, Self Lubricating Bearings for Slide Mecha	43 MPM	4	140 FPM	0-1	Paving Speed
SISIONS   CRAWLER TRACK   RUBBER TIRE   CAPACITIES     106"   269 cm   99"   251 cm   118"   299 cm   119"   257 cm   101"   257 cm   179 cm   70"   179 cm   8"-13" with Extendable 9" Diameter Auger   150 cm   100 cm			Chrome-Plated Guide Rods					OPERATION
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES         6           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           10pper Open         118"         299 cm         118"         299 cm         Fuel Tank         17           10pper Closed& screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           2-Track Width         95"         241 cm         95"         241 cm         Heating System         4.           1T         70"         179 cm         70"         179 cm         FULLY FLOATING SCREED         Heating System         4.           1T         53 cm         4,270 cm         FULLY FLOATING SCREED         Width, Main Screed         Width, Main Screed         4.273 with Extendable 9" Diameter Auger         15           128 KW         9,700 lbs. 4,400 kg         9,300 lbs. 4,218 kg         Width, Main Screed         Width, Hydraulic Screed Extension         7.           128 KW         9,700 lbs. 4,400 kg         9,300 lbs. 4,218 kg         Width, Hydraulic Screed Extension         15           128 KW         9,700 lbs. 4,200 kg         9,300 lbs. 4,218 kg         Width, Hydraulic Screed Extension         7.           129 Cyrrack Pads			Replaceable Extension Wear Plate					
SIONS   CRAWLER TRACK   RUBBER TIRE   CAPACITIES	-	rner per Extension	Propane Heating with Two Main Burners and One Bu		1.5" 10 Ply	8" x 20		Foam-Filled Tire Dimension
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         6 Gravity Feed Hopper         6           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13           Hopper Closed& screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           2-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.           Abarrance         21"         53 cm         FULLY FLOATING SCREED         Heating System         4.           128 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Main Screed         "-13" with Extendable 9" Diameter Auger         15           28 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Hydraulic Screed Extension         7.           Coverage         1,320 sq in         4,270 sq cm         FREEDOM SCREED         55"         140 cm         Sets of 1', 2' and 3' Screed Cut-Off Plates           Coverage         1,320 sq in         4,270 sq cm         FREEDOM SCREED         6"-13" Vibratory Screed         9" Extending Augers           Extending Walkboard <td></td> <td>Screed</td> <td>Automatic Adjustment for Seamless Match with Main</td> <td></td> <td>00</td> <td></td> <td></td> <td>Quantity</td>		Screed	Automatic Adjustment for Seamless Match with Main		00			Quantity
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES         6           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         17           Hopper Closeder screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           2-Track Width         95"         241 cm         95"         241 cm         Hydraulic Oil Tank         4.           11         70"         179 cm         70"         179 cm         FULLY FLOATING SCREED         4.           Ilarrance         21"         53 cm         FULLY FLOATING SCREED         Heating System         8"-13" with Extendable 9" Diameter Auger         15           28 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Hydraulic Screed         Width, Hydraulic Screed Extension         7.           LER TRACK SUSPENSION         140 cm         Sets of 1, 2" and 3" Screed Cut-Off Plates         55"         140 cm         Sets of 1, 2" and 3" Screed Cut-Off Plates         3"           Coverage         1,320 sq in         4,270 sq cm         FREEDOM SCREED**         6" Extending Augers         9" Extend			Extending Walkboard			HEEL DRIVE)	ON (ALL W	RUBBER TIRE SUSPENSION
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         17           Hopper Closeder Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           2-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.4           1T         70"         179 cm         70"         179 cm         FULLY FLOATING SCREED         4.4           1AT         421"         53 cm         Heating System         8' - 13' with Extendable 9" Diameter Auger         4.4           28 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Hydraulic Screed         Yidth, Hydraulic Screed Extension         7.5           LER TRACK SUSPENSION         140 cm         Width, Hydraulic Screed Extension         7.5           Coverage         1,320 sq in         4,270 sq cm         Sets of 1', 2' and 3' Screed Cut-Off Plates           Coverage         1,320 sq in         Optional         FREEDOM SCREED			9" Extending Augers					
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           Hopper Open         118"         299 cm         118"         299 cm         127 cm         Fuel Tank         17           Hopper Closeds screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           5-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.           Ibearance         21"         53 cm         Heating System         Heating System         8'-13' with Extendable 9" Diameter Auger           28 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Main Screed         Extension         7.           LER TRACK SUSPENSION         140 cm         Sets of 1, 2' and 3' Screed Cut-Off Plates         7.         15           Coverage         1,320 sq in         4,270 sq cm         FREEDOM SCREED         3"			8' - 13' Vibratory Screed	=	Optiona		ads	Bolt-On Polyurethance Track Pa
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           10pper Open         118"         299 cm         118"         299 cm         127 cm         Fuel Tank         13           10pper Closed 8 Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           70"         179 cm         70"         179 cm         Washdown System         4.           11         53 cm         Heating System         Heating System         8" - 13" with Extendable 9" Diameter Auger           28 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Main Screed           28 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Hydraulic Screed Extension         15           28 KW         9,700 lbs         4,400 cm         Sets of 1', 2' and 3' Screed Cut-Off Plates         15           29 Coverage         1,320 sq in         4,270 sq cm         Sets of 1', 2' and 3' Screed Cut-Off Plates         3"			FREEDOM SCREED™	<b>=</b>	Optiona			Bolt-On Rubber Track Pads
SIONS   CRAWLER TRACK   RUBBER TIRE   CAPACITIES     106"   269 cm   99"   251 cm   Gravity Feed Hopper   69 cm   118"   299 cm   118"   299 cm   118"   299 cm   Fuel Tank   170 cm   179 cm   70"   179 cm   Fuel Ty Floating System   4.1				q cm	4,270 s	5	1,320 sq	Ground Coverage
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           Hopper Open         106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13           Hopper Closed-8 screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           70"         179 cm         70"         179 cm         Washdown System         4.           Hearance         21"         53 cm         FULLY FLOATING SCREED         Heating System           1T         8'-13' with Extendable 9" Diameter Auger         8'-13' with Extendable 9" Diameter Auger         15           28 KW         9,700 lbs         4,400 kg         9,300 lbs         4,218 kg         Width, Hydraulic Screed Extension         7.           15 Independent Crown/Inver Control         7.         15         15         15	Optional		Sets of 1', 2' and 3' Screed Cut-Off Plates		140 cm		55"	Length
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           Hopper Open         106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13           Hopper Closed-8 Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           5-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.           18 Bearance         21"         53 cm         FULLY FLOATING SCREED         FULLY FLOATING SCREED         8'- 13' with Extendable 9" Diameter Auger         8'- 13' with Extendable 9" Diameter Auger         15           28 KW         9,700 lbs 4,400 kg         9,300 lbs 4,218 kg         Width, Hydraulic Screed Extension         7.	76 mm	ယူ	Independent Crown/Inver Control				NSION	CRAWLER TRACK SUSPE
ISIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           Hopper Open         106"         269 cm         99"         251 cm         Gravity Feed Hopper         61           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13           5-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.           70"         179 cm         70"         179 cm         FULLY FLOATING SCREED         4.           Heating System         8' - 13' with Extendable 9" Diameter Auger         8' - 13' with Main Screed         15	19 cm	7.5"	Width, Hydraulic Screed Extension					
NSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13           Hopper Closed-8 Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           to-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.           Clearance         21"         53 cm         FULLY FLOATING SCREED         Heating System         8' - 13' with Extendable 9" Diameter Auger	38 cm	15"	Width, Main Screed	3s 4,218 kg	9,300 lb	s 4,400 kg	9,700 lbs	
NSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13           Hopper Closeder Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17           to-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.           Clearance         21"         53 cm         FULLY FLOATING SCREED         Heating System	Standard		8' - 13' with Extendable 9" Diameter Auger					WEIGHT
NSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6 tons (us)           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13 gal           Hopper Closeds Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17.5 gal           Io-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.5 gal           Clearance         21"         53 cm         T0"         179 cm         FULLY FLOATING SCREED	ne with Lighting Wand	Propar	Heating System					
NSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6 tons (us)           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13 gal           Hopper Closeds Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17.5 gal           to-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.5 gal           70"         179 cm         70"         179 cm         4.5 gal			FULLY FLOATING SCREED			53 cm	21"	Truck Clearance
VSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6 tons (us)           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13 gal           Hopper Closed & Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17.5 gal           0-Track Width         95"         241 cm         95"         241 cm         Washdown System         4.5 gal				179 cm	70"	179 cm	70"	Height
VSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6 tons (us)           Hopper Open         118"         299 cm         118"         299 cm         Fuel Tank         13 gal           Hopper Closed 8 Screed         101"         257 cm         101"         257 cm         Hydraulic Oil Tank         17.5 gal	17 lit	4.5 gal	Washdown System	241 cm	95"	241 cm	95"	Track-to-Track Width
VSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6 tons (us)           Hopper Open         118"         299 cm         Fuel Tank         13 gal		17.5 gal	Hydraulic Oil Tank	257 cm	101"	257 cm	101"	Width, Hopper Closed 8' Screed
VSIONS         CRAWLER TRACK         RUBBER TIRE         CAPACITIES           106"         269 cm         99"         251 cm         Gravity Feed Hopper         6 tons (US)	49 lit	13 gal	Fuel Tank	299 cm	118"	299 cm	118"	Width, Hopper Open
CRAWLER TRACK RUBBER TIRE		6 tons (us	Gravity Feed Hopper	251 cm	99"	269 cm	106"	Length
			CAPACITIES	RTIRE	RUBBE	ER TRACK	CRAWLE	DIMENSIONS

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.

# Sold & Serviced by:



