

Equipment Guide



Engineered & Manufactured By:

800-643-0095 or 870-236-7751 www.alleneng.com



Paragould, Arkansas U.S.A.



ABOUT US

Product Innovation...Machine Reliability...Outstanding Customer Service...these are just three of the many strengths of Allen Engineering Corporation.

Since our inception in 1964, we have enjoyed many years of providing the concrete industry with new and exciting concrete equipment with over 110 patents and trademarks issued for equipment such as truss screeds, concrete pavers, riding trowels, and composite disks.

Based in Paragould, Arkansas USA; Allen Engineering Corporation is family owned and our equipment is American made. Far from an impersonal assembly-line, our hands-on approach assures a quality product from sheet metal and tubular steel to finished machine. At each work station are craftsmen, proud of their work and determined to apply their skills toward a flawless, high quality piece of equipment.

Allen Engineering designs, engineers, buys, manufacturers, and markets concrete equipment that is sold as two different brands:

- <u>Allen Concrete Equipment</u> ® one of the world's premier lines of concrete finishing equipment used in placing and finishing of high tolerance commercial and industrial concrete floors.
- <u>Allen Concrete Pavers</u> ® a high-quality line of form-riding concrete paving equipment as well as specialized line of slip form pavers.

Our number one goal is Total Customer Satisfaction. Our "Team Allen" approach allows us to stay focused on that goal throughout the design and manufacturing process. From Senior Management to Product Design & Development to Sales & Customer Service to every work station in the factory; our operation moves forward, motivated by *you*, our customer.

Keeping pace with the concrete industry is one way that we strive to meet your needs. To this end, Allen has developed a total system of equipment with the help of concrete contractors to meet and exceed today's tough "F" Number requirements for floor flatness and levelness. Most members of Allen's Sales Team are certified in "F" Numbers and ACI Finishing Techniques. We support the construction industry by providing classroom-to-field training programs for contractors and their equipment operators to improve their "F" Numbers.

A leading innovator in the concrete industry, Allen Engineering is known world-wide as a premier, top quality line of concrete finishing and paving equipment. With our eyes trained on the needs of an ever growing and changing industry and unwavering in our insistence on Total Customer Satisfaction; Allen Engineering will continue as a positive, facilitating force in the concrete industry.

We thank YOU, our loyal customers around the world, for your vote of confidence by purchasing and using our products. We are here for *you*, and to that end we will remain on the cutting edge of the concrete equipment industry.

Allen Engineering Corporation

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For more information about our complete line of Allen Concrete Pavers, visit our website at www.alleneng.com or call Allen Customer Service at 800-643-0095 USA or 870-236-7751.

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Bridge Deck Finishers:

Model 4836B (36" deep frame with 48" long

finishing rollers): Basic Machines

Model 6036 (36" deep frame with 60" long

finishing rollers): Basic Machines

<u>Stationary Power Unit – Operators Console</u>

25hp Kohler Air Cooled Gasoline Engine

- 12 Volt Electric Start
- Fuel Capacity 10 Gallons
- Dual #2050 Carriage Chain Drive
- Automatic Carriage Travel Reversal

Bogies

- Two 36" Driver Bogies with Cupped Wheels
- Two 36" Idler Bogies with Cupped Wheels
- Rebar Pusher on all Four Bogies

Paving Carriage

- 25hp Kohler Air Cooled Gasoline Engine
- 12 Volt Electric Start
- Fuel Capacity 6 Gallons
- Dual 48" Long Paving Rollers (Model 4836B)
- Dual 60" Long Paving Rollers (Model 6036)
- · Dual Adjustable 8" Diameter Augers
- Independent Roller Rotation Valve kit
- · Automatic Lower Carriage Pivot Cylinder
- Eight Carriage Travel Rollers
- · Four Single Thrust Rollers
- Four Side Thrust Rollers
- Single Drag pan with burlap Drag
- · Automatic Roller Rotation Reversal
- · Roller Tamp
- · Carriage Lift 5" Lift

Frame

- · Welded, Tubular Steel Main Frame Sections
- 36" Deep Boom Truss with Leg Rail
- · #2 Carriage Rail on all Sections
- Two Multi-Position Ladders
- · Manual Crown Adjuster

Legs

- 4" Legs with Solid Leg Plates
- Manual Up & Down
- 8' 14' Horizontal Travel each end
- 44" Vertical Adjustment
- · Two Adjustable Leg Braces

Additional Sections Available

- $\bullet \ \ 24', \ 18', \ 15', \ 12', \ 10', \ 9', \ 8', \ 6', \ 5', \ 4', \ 3' \ with \ Leg \ Rails$
- $\bullet \ \ 18',\, 15',\, 12',\, 10',\, 8',\, 6',\, 5',\, 4',\, 3',\, 2.5',\, 2',\, 1' \ without \ Leg \ Rails$

Transition Sections - 36" to 48"

 12' Transition Insert with Manual Crown Adjuster (includes two each 12' sections for 24' total Frame)

Commonly Requested Options

- · Power Crown Adjuster
- Leg mounted On/Off
- Swing Legs
- Power Leg Widening
- Pivot Leg Plates
- · 6" Diameter Legs
- Power Up/Down (6" Legs only)
- · Six Wheel Bogie System
- Power Front Bogie
- Extra Drag Pan
- · Spare Engine Kit with Pump
- · Four Wheel Travel Dolly with Towing Tongue
- · Skew Bar Kit
- Low Pressure Fogging System
- Extra Paving Carriage
- Single Spud Internal Vibration System

Allen can also provide all of your Screed Rails and Rail Chairs

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Bridge Deck Finishers:

Model 6048B (48" deep frame with 60" long finishing rollers): Basic Machines

<u>Stationary Power Unit – Operators Console</u> <u>Frame</u>

- 25hp Kohler Air Cooled Gasoline Engine
- 12 Volt Electric Start
- Fuel Capacity 10 Gallons
- Dual #2050 Carriage Chain Drive
- Automatic Carriage Travel Reversal

Bogies

- Two 48" Driver Bogies with Cupped Wheels
- Two 48" Idler Bogies with Cupped Wheels
- · Rebar Pusher on all Four Bogies

Paving Carriage

- · 25hp Kohler Air Cooled Gasoline Engine
- · 12 Volt Electric Start
- Fuel Capacity 6 Gallons
- · Dual 60" Long Paving Rollers
- Dual Adjustable 8" Diameter Augers
- · Independent Roller Rotation Valve kit
- · Automatic Lower Carriage Pivot Cylinder
- Eight Carriage Travel Rollers
- Four Single Thrust Rollers
- · Single Drag pan with burlap Drag
- · Automatic Roller Rotation Reversal
- · Roller Tamp
- Carriage Lift 5" Lift

- · Welded, Tubular Steel Main Frame Sections
- 48" Deep Boom Truss with Leg Rail
- #2 Carriage Rail on all Sections
- Two Multi-Position Ladders
- · Manual Crown Adjuster

Legs

- · 6" Legs with Solid Leg Plates
- · Power Up & Down
- 8' 14' Horizontal Travel each end
- 44" Vertical Adjustment
- · Two Adjustable Leg Braces

Additional Sections Available

- 24', 18', 15', 12', 10', 9', 8', 6', 5', 4', 3' with Leg Rails
- 18', 15', 12', 10', 8', 6', 5', 4', 3', 2.5', 2', 1' without Leg Rails

Transition Sections - 48" to 66"

- 15' Transition Insert with Manual Crown Adjuster (includes two each 15' sections for 30' total Frame)
- 12' Transition Insert with Manual Crown Adjuster (includes two each 12' sections for 24' total Frame)

Commonly Requested Options

- · Power Crown Adjuster
- · Leg mounted On/Off
- Swing Legs
- Power Leg Widening
- · Pivot Leg Plates
- · Six Wheel Bogie System
- · Power Front Bogie
- Extra Drag Pan
- Spare Engine Kit with Pump
- Four Wheel Travel Dolly with Towing Tongue
- · Skew Bar Kit
- · Low Pressure Fogging System
- · Extra Paving Carriage
- · Single Spud Internal Vibration System

Allen can also provide all of your Screed Rails and Rail Chairs

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Model 4836B Finishing a Bridge Deck in Vermont



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Model 4836B Finishing a Bridge Deck in Pennsylvania



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Model 4836B Paving an Airport Taxiway in New York



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Bridge Deck Finisher Features



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Bridge Deck Finisher Features



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Bridge Deck Finisher Features



Slope Paving



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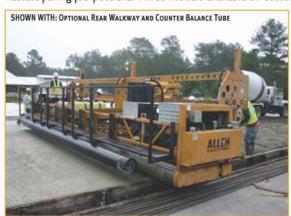


Paving Equipment For The Concrete Paving Professional.

Allen Concrete Pavers are specifically designed for paving large projects fast, accurately and efficiently. From our Triple Roller Tube Paver to our Work Bridges and Truss Screed, these machines are not only the best engineered for their tasks, they're the best value. We're so confident in our Paving equipment that we back them with a **One Year, 100% Satisfaction Guarantee!** Available in a variety of standard configurations, Allen will also customize our products to fit your specific paving projects.

Triple Roller Tube Pavers

Precision engineered tubes ensure the smoothest pavement possible. Powered by rugged Gasoline or Diesel Engines, with easy-to-operate control systems, the Triple Roller Tube Paver can strike off concrete fast. And with our precision engineered and level-tested roller tubes, you can be assured of the producing the flattest paving job possible. Three models available or customizable to your specifications.







MODEL	255CD	200C	150B
ENGINE	44 HP KUBOTA® DIESEL	34 HP Vanguard® Gasoline	27 HP GASOLINE
WIDTHS AVAILABLE (2 FT. INCREMENTS)	12-34 FT (3.6 - 10.4 M)	12-32 FT (3.6 - 9.7 M)	12-32 FT (3.6 - 9.7 M)
WEIGHT AT 22 FT.	5,570 LBS (2,526 KG)	3,835 LBS (1,740 KG)	2,790 LBS (1,266 KG)
ROLLER TUBE DIAMETER	10 IN (255 MM)	8 5/8 IN (219 MM)	6 5/8 IN (168 MM)
TUBE WEIGHT PER FT.	27 LBS (12 KG)	29 LBS (13 KG)	19 LBS (9 KG)
HYDRAULIC OIL RESERVOIR	25 GAL (95 L)	13.5 GAL (51 L)	13.5 GAL (51 L)
HYDRAULIC SPRAY SYSTEM	STANDARD	OPTIONAL	OPTIONAL
HYDRAULIC STEERING LEG	STANDARD	Standard	OPTIONAL



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Triple Roller Tube Pavers



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Triple Roller Tube Pavers



Triple Roller Tube Paver Paving Pervious Concrete



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Model 36 Air Screed

Featuring air vibrators that achieve 9,500 VPM at 60 PSI and able to span 75 feet without deflection, the Model 36 Air Screed handles paving jobs standard duty screeds cannot. The 33 I/2" tall A-Frame Truss is constructed of 2" square steel tubing and 5/8" steel truss rods, producing a rigid, stable truss capable of handling the toughest paving jobs efficiently.



MODEL	36 AIR SCREED		
FRAME CONSTRUCTION	STEEL A-FRAME TRUSS		
VIBRATION SYSTEM	Dual Air		
SECTION LENGTHS/WEIGHTS			
2 FT (.61 M):	40 LB (18 KG)		
5 FT (1.5 M):	86 LB (39 KG)		
7.5 FT (2.3 M):	128 LB (58 KG)		
MAXIMUM WIDTH	75 FT (22.9 M)		
BLADES	10 GAUGE STAINLESS STEEL OR 3/16" STEEL BLADES		







Model 36 Air Screed



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The Powered Work Bridge is the ultimate in motorized work platforms.

POWERED WORK BRIDGE

MODELS APWB1800

APWB2400



FEATURES:

- · 36" wide Expanded Metal Work Platform.
- Paving Style or Bridge Deck Style End Brackets with 6" Diameter Manual Adjusting Posts
- Four Wheel Hydraulic Drive.

Options:

- · Gasoline or Diesel Power.
- · Cure Spray System.
- · Adjustable Texture Drag.
- Longitudinal or Transverse Tine
- Automatic Forward and Reverse Steering.







SPECIFICATIONS

MODEL	APWB1800	APWB2400
Maximum Mainframe Width Maximum Cure System Width	50' (15.25m) 35' (10.67m)	75' (22.8m) 35' (10.67m)
Section Lengths: 12' (3.66m), 10' (3.05m), 6' (1.83m), 5' (1.53m), 3' (.92m)	YES	YES
Mainframe Depth	18" (.46m)	24" (.61m)
Adjustable Paving Style End Brackets	Available	Available
Adjustable Bridge Deck Style End Brackets	Available	Available
27HP Gasoline Power	Available	Available
Diesel Power	Available	Available
All Wheel Hydraulic Drive	YES	YES



Optional Hydraulically Controlled Texture Drag with Water Spray Bar.



Optional Spray Cure System with Adjustable Spray Bar and Wind Screen.



Operator Control Panel for Easy Operation of All Machine Functions.

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Powered Work Bridge



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Manual Work Bridges

Frame Width – 24"

Model WB1224: Frame Depth – 12"

Maximum Width – 65'

Available Sections:

7.5' (2.29M), 5' (1.52M), 2' (.61M)

Available Wheel Options:

Pneumatic, Cupped or Flanged

End Frames Available:

Paving or Bridge Deck Style

Model WB1824:

Frame Width – 24"
Frame Depth – 18"
Maximum Width – 105'

Available Sections:

Telescopic Section 15' (4.57M) to 25' (7.6M) 12' (3.65M), 6' (1.82M), 3' (.91M)

Available Wheel Options:

Pneumatic, Cupped or Flanged

End Brackets Available:

Paving or Bridge Deck Style

Frame Width – 34"

Model WB2434: Frame Depth – 24"

Maximum Width – 120'

Available Sections:

Telescopic Section 15' (4.57M) to 25' (7.6M) 12' (3.65M), 6' (1.82M), 3' (.91M)

Available Wheel Options:

Pneumatic, Cupped or Flanged

End Brackets Available:

Paving or Bridge Deck Style



Manual Work Bridge



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Manual Work Bridge









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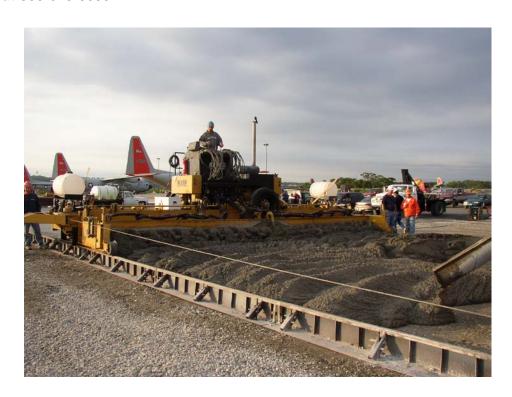
Form Riding Concrete Pavers:

For the contractor that would rather have the security of riding forms instead of Slip Forming, Allen Engineering Corporation manufactures a Form Riding Paver with standard features and specifications. However, these machines can also be modified to the customer's specifications to fit jobsite requirements.

ALLEN 2700 FORM RIDING CONCRETE PAVER

Model – AFR 2700 Standard Machine Specifications (12' (3.65M) to 27' (8.23M) Paving Width) (can be extended to 32' (9.75M) with optional extension kit)

For more information about these Form Riding Pavers as well as the complete line of Allen Concrete Pavers, visit our website at www.alleneng.com or call Allen Customer Service at 800-643-0095.



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Form Riding Concrete Pavers



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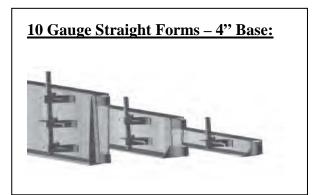
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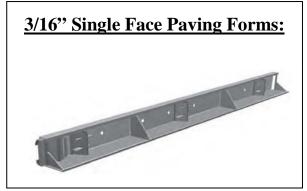


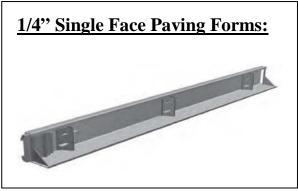
Steel Edge Forms and Accessories:

Allen offers a complete line of Steel Edge Forms including Straight Forms, Radius Forms and Heavy-Duty paving Forms.

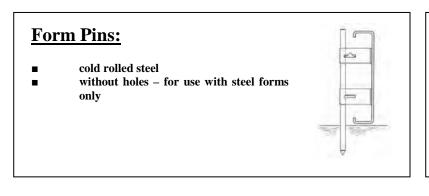








3/16" (210) and 1/4" (211) Dual Face Paving Forms Available upon Request: (available in any combination of sizes)





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Low Profile Concrete Slip Form Pavers:

Allen Engineering Corporation manufactures a complete line of Concrete Slip Form Pavers with standard features and specifications. However, these machines can also be modified to the customer's specifications to fit job site requirements.

ALLEN 2700-HD TWO TRACK LOW PROFILE CONCRETE SLIPFORM PAVER

Model – ASF 2700 (formerly known as Model 12-27)
Standard Machine Specifications (12' (3.65M) to 27' (8.23M) Paving Width)
(can be extended to 32' (9.75M) with optional extension kit)

ALLEN 2000 TWO TRACK LOW PROFILE CONCRETE SLIPFORM PAVER

Model – ASF 2000 (formerly known as Model 8-20)
Standard Machine Specifications (8' (2.44M) to 20' (6.1M) Paving Width)
(maximum paving width is 20' (6.1M)

For more information about these Slip Form Pavers as well as the complete line of Allen Concrete Pavers, visit our website at www.alleneng.com or call Allen Customer Service at 800-643-0095.



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Low Profile Concrete Slip Form Pavers



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High Profile Concrete Slip Form Pavers:

Allen Engineering Corporation manufactures a complete line of Concrete Slip Form Pavers with standard features and specifications. However, these machines can also be modified to the customer's specifications to fit job site requirements.

For more information about these Slip Form Pavers as well as the complete line of Allen Concrete Pavers, visit our website at www.alleneng.com or call Allen Customer Service at 800-643-0095.

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High Profile Polyester Concrete Slip Form Pavers:

Allen Engineering Corporation manufactures the only Slip Form Paver that is designed specifically for Polyester Concrete. These Patented High Profile Pavers are manufactured with standard features and specifications or can be custom built to customer specifications.

ALLEN 1600 TWO TRACK HIGH PROFILE POLYESTER CONCRETE SLIPFORM PAVER

Model - APSF 1600

Standard Machine Specifications: 12' (4.27M)

(maximum paving width 18' (5.5M) with optional extension kit)



U.S. Patent #5,352,063

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Polyester Concrete Slip Form Pavers



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Texture/Curing Machine:

ALLEN 3200B TWO TRACK CONCRETE TEXTURE CURE MACHINE

Model ATC 3200B

Standard Machine Specifications: 12' (3.65M) to 32' (9.75M) paving Width



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Concrete Belt Placer/Spreader:

ALLEN 2700 TWO TRACK CONCRETE BELT PLACER/SPREADER

Model - APS 2700

Standard Machine Specifications: 12' (3.65M) to 27' (8.23m) Paving Width (maximum paving width 32' (9.75M) with optional extension kit)





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SIX REASON TO BUY ALLEN®

Our Passion is Quality.

Every member of Team Allen is focused on the total quality of every machine we make.

• Our Focus is Innovation.

We are committed to constantly innovating and improving our equipment.

Our Emphasis is Concrete.

We only manufacture for the concrete industry and are experts in the properties of concrete finishing and paving.

Family Owned.

The owners are directly involved in the everyday operation of the business, and the second generation of family is actively running the business.

• Customer Service.

Our top priority for over 45 years has been to service the concrete contractor whether directly or through the Allen Dealer support system.

Education & Support.

Nobody offers more training and support to the industry and for our equipment than Allen.

CONTACT US

Sales & Customer Service Team:

Customerservice@alleneng.com

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To see videos of Allen Concrete Pavers and other Allen Concrete Equipment go to:

http://www.youtube.com/user/AllenMachinery

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