

STEEL ENGINE TRUSS SCREEDS

This engine driven Allen® Razorback® Truss Screed has been used on countless projects around the globe for over four decades. With gasoline engine power, driving vibration and the hydraulic winch option this self contained truss screed is the industry standard for all steel framed truss screeds. Available with accessories for roadways, bridges, slab on grade, and more.



Scan this QR code to learn more details about this product.

SPECIFICATIONS

SE12

FRAME CONSTRUCTION	Steel
VIBRATION SYSTEM	Eccentric Shaft
VIBRATIONS	8,000 VPM
ENGINE (WIDTHS LESS THAN 50')	Honda GX270 - 9 hp (6.7 kW)
ENGINE (WIDTHS MORE THAN 50')	Honda GX340 - 11 hp (8.2 kW)
SECTION LENGTHS / WEIGHTS	
2 FT (.61 M)	37 lb (17 kg)
2.5 FT (.76 M)	46 lb (20 kg)
5 FT (1.5 M)	90 lb (41 kg)
7.5 FT (2.3 M)	135 lb (61 kg)
10 FT (3.1 M)	180 lb (82 kg)
MAXIMUM WIDTH	65 ft (19.8 m)
LOWEST CONCRETE SLUMP	3 in (7.6 cm)
MAX. CONSOLIDATION DEPTH	8 in (20.3 cm)
BLADES	10 Gauge Galvanized Steel

STEEL ENGINE DRIVEN TRUSS SCREED KITS

PART NO.	MODEL NO.	DESCRIPTION (MANUAL KIT)	LIST PRICE*
036183	SSE12225M	22.5' Steel Truss Screed Kit - 9hp Engine Kit, (3x) 7.5' Sections, End Handle Group, Manual Winch Group	\$7,000
036187	SSE12325M	32.5' Steel Truss Screed Kit - 9hp Engine Kit, (3x) 7.5' Sections, (2x) 5' Sections, End Handle Group, Manual Winch Group	\$8,800
036191	SSE12425M	42.5' Steel Truss Screed Kit - 9hp Engine Kit, (5x) 7.5' Sections, 5' Section, End Handle Group, Manual Winch Group	\$10,200
PART NO.	MODEL NO.	DESCRIPTION (POWERED KIT)	LIST PRICE*
036237	SSE1222P	22.5' Steel Truss Screed Kit - 9hp Engine Kit, 7.5' Section, (2x) 5' Sections, Hydraulic Powered Winch Group	\$10,700
036241	SSE1232P	32.5' Steel Truss Screed Kit - 9hp Engine Kit, (3x) 7.5' Sections, 5' Section, Hydraulic Powered Winch Group	\$12,000
036245	SSE1242P	42.5' Steel Truss Screed Kit - 11hp Engine Kit, (5x) 7.5' Sections, Hydraulic Powered Winch Group	\$13,600

STEEL ENGINE DRIVEN SCREED SECTIONS / ENGINES / WINCH GROUPS

To create a custom truss screed select the sections, engine kit and winch style needed.

PART NO.	MODEL NO.	DESCRIPTION (SECTIONS)	LIST PRICE*
028379	SSE1210	Steel, Engine-Driven 10.0' Section (3.1m) & All Hardware	\$2,000
022378	SSE1275	Steel, Engine-Driven 7.5' Section (2.3m) & All Hardware	\$1,260
022379	SSE1250	Steel, Engine-Driven 5' Section (1.5m) & All Hardware	\$960
027986	SSE1225	Steel, Engine-Driven 2.5' Section (.76m) & All Hardware	\$730
022380	SSE1220	Steel, Engine-Driven 2' Section (.61M) & All Hardware	\$700

PART NO.	MODEL NO.	DESCRIPTION (ENGINE KITS)	LIST PRICE
027879	SSE12KIT9	Steel, Engine-Driven, SSE12, Honda GX270 9hp class engine (10'-42.5')	\$2,250
028327	SSE12KT11	Steel, Engine Driven, SSE12, Honda GX340 11hp class engine (42.5'-70')	\$2,360

Screeds 42.5'+ should have 11hp engine. Engine kits require assembly & mounting by customer, or can be installed at AEC for \$100 Installation Fee (064902-5', 064903-7.5', 064904-10')

PART NO.	MODEL NO.	DESCRIPTION (WINCHES)	LIST PRICE*
025894	SSE12HG	Steel End Handle Group, (2x) Handles, (2x) lifting brackets, & All Hardware	\$755
018993	SSAE12WG	Steel Manual Winch Group, LH & RH winches, 100' (30m) of cable, heavy-duty pulley blocks with eyebolts & attaching hardware	\$900

For manual winches, you will need steel end handle group and the manual winch group.
End Handle Factory Installation - \$100 (068811) | Winch group Factory Installation - \$100 (068812)

028363	SSEHEDMW	Steel Hydraulic Powered Winch Group, LH & RH winches, (2x) 2.5' screed sections, (2x) end handles, 100' (30m) of cable, heavy-duty pulley blocks with eyebolts & attaching hardware.	\$5,850
048148	SSEHWFBDH	Steel Hydraulic Powered Winch Group for Bridge Deck Handle Configuration, LH & RH winches, (2x) 2.5' screed sections, (2x) end handles, 100' (30m) of cable, heavy-duty pulley blocks with eyebolts & attaching hardware.	\$6,300

Powered Winch Groups Factory Installation - \$ 100 (068812). If you are connecting a power winch group to an existing screed, splice plates, top pipe coupler & shaft coupler are necessary to connect power winches to the left end of an existing screed.

STEEL AIR TRUSS SCREEDS

This air-driven truss screed has been used on countless projects around the globe for over four decades. The SA12 is ideal for indoor areas and tunnels where combustible engines are not allowed, and for paving applications to achieve better consolidation. Available with accessories for roadways, bridges, slab on grade, and more



Scan this QR code to learn more details about this product.

SPECIFICATIONS	SA12
FRAME CONSTRUCTION	Steel
VIBRATION SYSTEM	Dual Air
VIBRATIONS	11,000 VPM
SECTION LENGTHS / WEIGHTS	
2 FT (.61 M)	37 lb (17 kg)
2.5 FT (.76 M)	47 lb (21 kg)
5 FT (1.5 M)	93 lb (42 kg)
7.5 FT (2.3 M)	138 lb (63 kg)
10 FT (3.1 M)	186 lb (84 kg)
MAXIMUM WIDTH	65 ft (19.8 m)
LOWEST CONCRETE SLUMP	2 in (5.1 cm)
MAX. CONSOLIDATION DEPTH	12 in (30.5 cm)
BLADES	10 Gauge Galvanized Steel

*List price is in US Dollars. Our factory is in Paragould, Arkansas, 72450, USA. All prices are subject to change without notice. Allen Engineering Corporation only sells its Allen Concrete Equipment through its authorized dealers and distributors.

STEEL AIR VIBRATION TRUSS SCREED KITS

PART NO.	MODEL NO.	DESCRIPTION (MANUAL KIT)	LIST PRICE*
036125	SSA12225	22.5' Steel Truss Screed Kit - (3x) 7.5' Sections, End Handle Group, Manual Winch Group	\$6,800
036129	SSA12325	32.5' Steel Truss Screed Kit - (3x) 7.5' Sections, (2x) 5' Sections, End Handle Group, Manual Winch Group	\$9,050
036133	SSA12425	42.5' Steel Truss Screed Kit - (5x) 7.5' Sections, 5' Section, End Handle Group, Manual Winch Group	\$11,100

STEEL AIR VIBRATION SCREED SECTIONS & WINCH GROUPS

To create a custom truss screed select the sections and winches.

PART NO.	MODEL NO.	DESCRIPTION (SECTIONS)	LIST PRICE*
028352	SSA12-10	Steel, Air-Driven 10.0' Section (3.1m) & All Hardware	\$2,420
018529	SSA12-75	Steel, Air-Driven 7.5' Section (2.3m) & All Hardware	\$1,595
018531	SSA12-50	Steel, Air-Driven 5' Section (1.5m) & All Hardware	\$1,170
027983	SSA12-25	Steel, Air-Driven 2.5' Section (.76m) & All Hardware	\$825
018532	SSA12-20	Steel, Air-Driven 2' Section (.61M) & All Hardware	\$750

PART NO.	MODEL NO.	DESCRIPTION (WINCHES)	LIST PRICE*
020222	SSA12EH	Steel End Handle Group for Air Power - 2x Handles, 2x lifting brackets, RH & LH top air end adaptors, (2x) male crows feet, crows foot plug, air control assembly & all hardware. Factory installation - \$100 (068811)	\$1,150
018993	SSAE12WG	Steel Manual Winch Group, LH & RH winches, 100' (30m) of cable, heavy-duty pulley blocks with eyebolts & attaching hardware Factory installation - \$100 (068812)	\$900

For manual winches, you will need steel end handle group and the manual winch group. Hydraulic winches are available upon request.



The air flow assembly controls the amount of air going to the machine, and the lubricator ensures proper piston lubrication.



Piston vibrators on 30" centers provide 11,000 VPM to ensure maximum concrete consolidation up to 12" deep.

TRUSS SCREED ACCESSORIES

We have many special application truss screed accessories designed to make your Allen® Razorback® Truss Screed a highly useful and versatile screeding tool. From infrastructure to agriculture applications, we have designed and tested hundreds of customized Allen Truss Screed Accessories over our 40 plus years of truss screed manufacturing experience.



Scan this QR code to learn more details about all Truss Screed Accessories

ADJUSTABLE END BRACKETS

Rides on forms or wall brackets and can be adjusted both horizontally and vertically. Available with and without rollers. (shown with rollers)



PART NO.	MODEL NO.	DESCRIPTION	LIST PRICE*
527001	SSAE12EBR	Adjustable End Bracket with Rollers	\$775

BRIDGE DECK END BRACKET SYSTEM

Used to straddle obstacles associated with slab on grade, bridge and highway construction. Adjustable in both horizontal and vertical direction.



PART NO.	MODEL NO.	DESCRIPTION	LIST PRICE*
070334	SSE12BDEBK	Heavy-Duty Bridge Deck End Bracket (37" Horizontal & 46" Vertical Adjustment) with Cupped Wheel Roller Assembly with 2 each 6"	\$3,690

CROWN/INVERT BRACKET

Attaches in the center between two or more sections of screeds. For use when crown or invert exceeds one-quarter inch per one foot.



PART NO.	MODEL NO.	DESCRIPTION	LIST PRICE*
506004	SSA12ICB	SA12 Air-Powered Crown/Invert Bracket (1/4"+ per ft.) Adds 12" to screed.	\$1,900
046708	SSE12HEICB	SE12 Engine Powered Crown/Invert Bracket (1/4"+ per ft.) Adds 12" to screed.	\$2,150

OTHER CROWNING DEVICES FOR STEEL ENGINE DRIVEN TRUSS SCREED

PART NO.	MODEL NO.	DESCRIPTION	LIST PRICE*
020230	SSE12UJ	SE12 U-Joint Kit	\$800

U-Joint kits include ball joint top pipe coupler, and will require some modification to screed.

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SCREED CART

Gets you around the job site quickly and easily.

PART NO.	MODEL NO.	DESCRIPTION	LIST PRICE*
543000	STTC500P	Two Wheel Transport Cart - Pneumatic Tires, Standard-Duty Max weight limit: 1100 lb (499 kg)	\$450
543001	STTC1000P	Two Wheel Transport Cart - Pneumatic Tires, Heavy-Duty Max weight limit: 1,000 lb (455 kg)	\$750



STRADDLE BRACKET

Fits between sections of screed when it is necessary to straddle an object in the path of the screed pour. (Air Vibration Screeds Only). Call for pricing.

PIVOT BRACKET

This unique accessory enables contractors to cut down on labor & finishing costs by using a truss screed on a round tank bottom, such as sewage treatment plant tanks. Call for pricing.

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