

SR™ 760

ZEMAN SYSTEMS



Displayed is the SR 760 equipped with Stage 03 Upgrades

Image is for reference only



SINGLE RAIL | AUTOMATED FABRICATION SYSTEM

The SR 760 assembly line is a next-generation automated welding system that was inspired by the pioneering Zeman Steel Beam Assembler (SBA) system. Crafted to revolutionize fabrication processes, this space-efficient machine offers precision welding, streamlined production, and customizable automation levels, empowering workshops with unparalleled productivity.

SYSTEM INCLUDES

- Welding Tower & Robot
- Scanning System
- Operating Software
- Control Panel
- Safety Equipment
- Camera System for Remote Support

OPTIONS AVAILABLE

- Add-on Parts Table
- One Handling Robot
- Three Sizes of Magnets
- One Set of Flippers

BENEFITS

- Increase Production Efficiency
- One-person Job
- First-class Welds
- Fast and flexible Project Execution

IDEAL APPLICATIONS

- Quality Control
- Part Management

INDUSTRIES

- Structural Industry
- General Industry

OPERATING SOFTWARE

With the Zeman SR 760 machine, you receive our proprietary **ProFit™ Software**. The ProFit software intuitively helps the operator throughout the entire process from importing to creating and editing. The software automatically generates the entire workflow and is compatible with common 3D softwares including Tekla®, SDS2®, Bocad®, Autodesk® Advanced Steel, and more!

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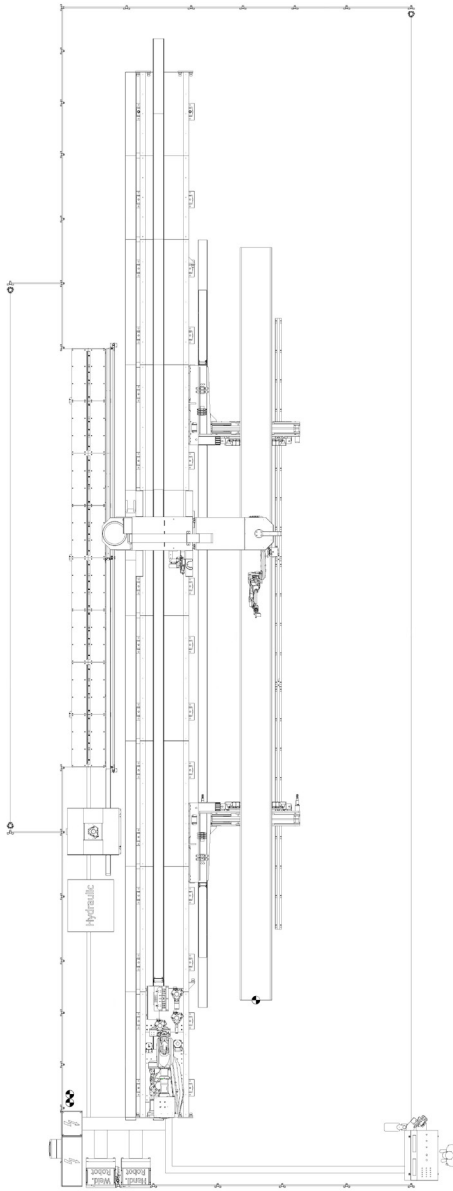


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STANDARD LAYOUT



Drawing is for reference only

SYSTEM DETAILS

WELDING TOWER AND ROBOT

The welding tower operates on high-precision tracks specifically engineered for the steel industry. Within it resides a cutting-edge industrial robot equipped with a laser vision system and welding gun.

- Requires free head room of 13 ft 6 in [4.1 m]
- Fits 550 lbs [250 kg] welding wire drums

CONTROL PANEL

The control panel displays production data and allows the operator to oversee the production process, providing a clear view of the machine and its surroundings.

UPGRADE

There are three different levels of automation to choose from. Upgrades from one lowercase Stage to another are possible at any time.

- Stage 01: Basic version
- Stage 02: Includes Flippers
- Stage 03: Includes a handling robot, scanner, and table for ADD-Parts

FLIPPERS (OPTIONAL)

Fully automated flippers automate crane operation with a seamless 360° rotation to help increase safety and production efficiency.

- Capable beam height: 29-15/16 in [760 mm]
- Capable beam weight: 11,025 lbs [5 t]

HANDLING ROBOT (OPTIONAL)

A state-of-the-art industrial robot magnetically moves material with an accuracy of +/- 0.0059 in [1.5 mm] over the span of 60 ft [18 m] on high-precision tracks.

PRODUCT SPECIFICATIONS

Product Name	Product Number	Machine Length (ft) / (m)
SR760	ATZBV00021499	available in 40, 50 or 60 ft configuration [12m, 15m or 18m]

PART SPECIFICATIONS

Standard H/I Profile and Welded H/I Profile Dimensions		
Profile	(Inch) / (lbs) / (ft)	(m) / (mm) / (kg)
Length:	up to 40 ft, 50 ft or 60 ft	up to 12 m, 15 m or 18 m
Height:	[6" – 30"]	150 to 760 mm
Weight:	[11,023 lbs]	max. 5000 kg

CUSTOMER ASSISTANCE POLICY

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