

# T1460

MECHANICAL DRIVE  
CHAIN TRENCHER

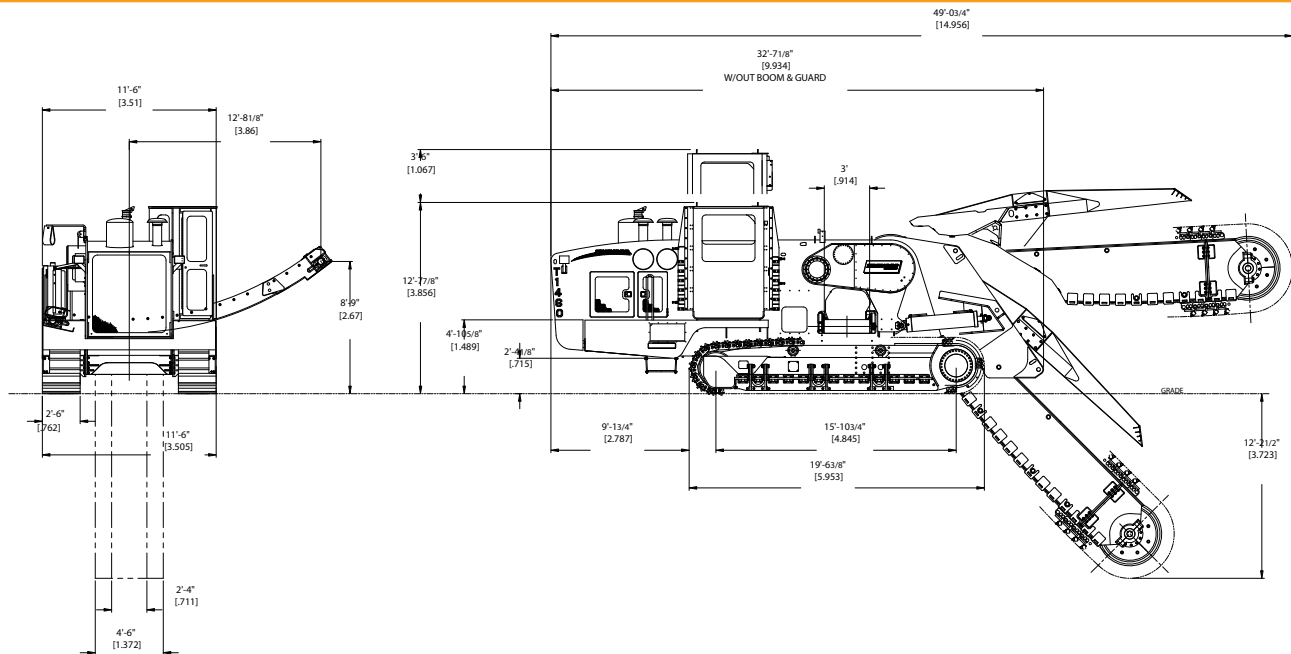
# TRENGOR

by ASTEC



## BREAKTHROUGH SOLUTIONS

# T1460 Mechanical Drive Chain Trencher



## ENGINE

- Caterpillar® C18 Acert turbocharged and after-cooled diesel, Tier 3 Stage IIIA emissions
- 630 hp (470 Kw) @ 2100 RPM
- Fuel rate consumption: 30 gal. (113.5L)/hour at full horsepower
- 24-volt DC electrical system
- Cooling system — up to 125 F ambient (52 C)
- Heavy-duty 2-stage air cleaner
- Muffler
- Tachometer

## FUEL CAPACITY

Dual tanks ..... 350 gal. (1300 L)  
 Operation ..... 23.33 hours at full horsepower

## HYDRAULIC SYSTEM

Capacity ..... 184 gal. (670 L)  
 Crawler drive ..... Closed loop piston pumps  
 Conveyor drive ..... Closed loop piston pumps  
 Accessory ..... Open loop

## TRACK DRIVE

Infinitely variable hydrostatic/mechanical  
 Speed ..... 1 mph (1.6 kph)  
 Track control ..... Independent proportional electric over hydraulic  
 Load control ..... Microcontroller with bypass  
 Crawlers ..... Cat D-7 components  
 Grouser ..... 30-inch (762 mm) wide, low-profile double grousers

## OPERATOR STATION

Fully enclosed, air conditioned, heated, and pressurized cab  
 Elevation ..... 44 in. (1117.6 mm)

## DIGGING ASSEMBLY

Heavy-duty mechanical chain drive. Power shift transmission with integral three-element torque converter. Four trenching speeds and reverse.

Trench depth ..... 8 to 18 ft. (2.4 to 5.5 m)  
 Trench width ..... 14 to 54 in. (356 to 1372 mm)  
 Maximums are 42 in. (1067 mm) at 18 ft. (5.5 m), 48 in. (1219 mm) at 16 ft. (4.9 m), and 54 in. (1372 mm) through 14 ft. (3.7 m) depth.

## CONVEYOR

Arc type conveyor with hydraulic shift  
 Belt width ..... 36 in. (914 mm)  
 Belt speed ..... 0 to 870 fpm (265 mpm)

## ADDITIONAL STANDARD ITEMS

- Floating wear plates
- Laser interface
- Work lights (2 fore/2 aft)
- Personnel guard

## OPTIONAL EQUIPMENT

- Automatic laser control for grade
- Roadminer attachment
- Automatic laser control for steering
- Cold weather package
- Hydraulic fold-up crumpler
- Berm scrapers
- Air compressor and lube equipment
- Various types and widths of track pads

## APPROXIMATE WEIGHT AND DIMENSIONS

Weight ..... 160,000 - 185,000 lbs. (72,000 - 84,000 kg)  
 Width ..... 11 ft. 6 in. (3.51 m)  
 Height ..... 12 ft. 7.9 in. (3.86 m)  
 Length [with 12 ft (3.6 m) boom] ..... 49 ft. .75 in. (14.95 m)

IMPORTANT: Astec Underground reserves the right to change these specifications without notice and without incurring any obligation relating to such change. This literature has been published for world-wide circulation. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your Astec dealer/distributor will be able to give you details of the products and their specifications available in your area.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

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