

TC-100 TIRE CUTTER

Easily cuts ALL passenger and truck tires including steel belted radials.

The TC-100 is designed to cut passenger, light truck and heavy truck tires (including super singles). Passenger and light truck tires can be cut into 4 pieces at a rate of 120 per hour using the TC-100-14 optional passenger tire compressor. Heavy truck tires can be quartered at a rate of 40 per hour.

The patented double shear blade system is easily adjustable to maintain a zero clearance between the blades for a clean cut. This eliminates blade separation and greatly extends the life of the blades.

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TSI
TIRE SERVICE EQUIPMENT
MFG. CO. INC.

TC-100 TIRE CUTTER



The TC-100 is equipped for towing around the yard eliminating the need for bringing the tires to the machine. Available with either a Briggs & Stratton 18 HP, V-Twin gas engine with electric start or a 10 HP, 3 phase electric motor (optional Kubota diesel engine available). Tire cage and double handle valve system are standard features for operator safety. Complete factory training is included with each TC-100.

The left and right valve handles must be operated simultaneously to activate the shear bar. Both hands are required as A SAFETY FEATURE. The center valve is used to activate the TC-100-14 Tire Compressor device (optional). A hydraulic gauge monitors the system pressure. (See Fig. A)

The MOVEABLE SHEAR BLADE is serrated to grab the tire and cut it easier. The moveable shear blade is forced between the two stationary blades. The tire is positioned on the rollers to allow the tire to be easily rotated. (See Fig. B)

As shown in Fig. C the TC-100 is CUTTING A STEEL BELTED RADIAL truck tire. Note the position of the optional TC-100-14 Tire Compressor when cutting truck tires.

Fig. D shows the TC-100-14 Tire Compressor compressing a passenger tire. One stroke of the shear blade will cut the tire into two pieces - 180° sections. This attachment DOUBLES THE SPEED of cutting passenger tires.

ADVANTAGES OF BIAS CUTTING SCRAP TIRES

- Tires can be stacked within each other (nested). Reduces tire volume 60%.
- Reduces transportation costs substantially. Transport a more dense and solid load of tires.
- Tires no longer hold water. Eliminates a common breeding ground for mosquitos.
- Reduces regulatory problems concerning tires.

SPECIFICATIONS

MODEL NO. & PRODUCT DESCRIPTION	HEIGHT	LENGTH	WIDTH	WEIGHT
TC-100 TIRE CUTTER	9'6"	7'6"	5'6"	2500 lbs.

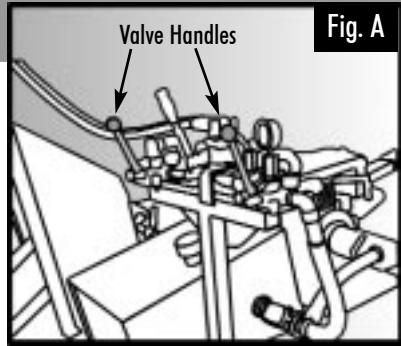


Fig. A

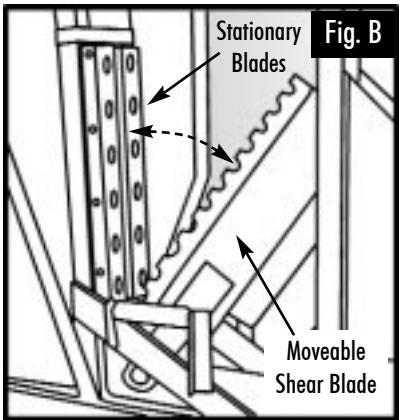


Fig. B

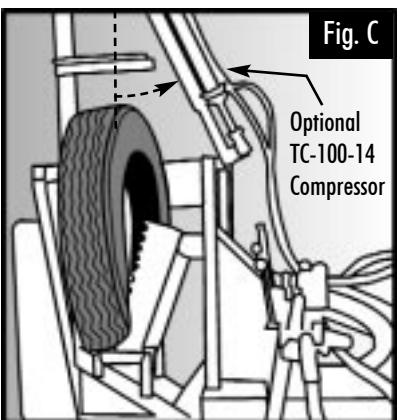


Fig. C

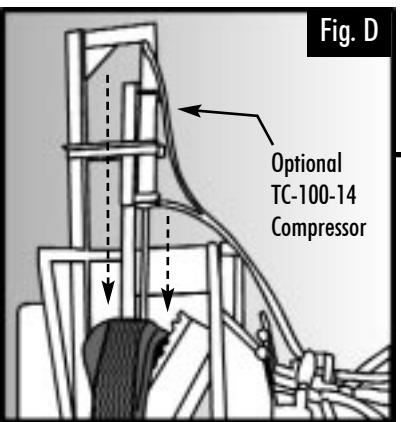


Fig. D

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