



# WINEMA AGENCIES

2/5 Percy Drive, Brendale QLD 4500

Ph: +61 7 3889 7622 Fx: +61 7 3889 7621

ABN 88 094 338 431 [www.winema.com.au](http://www.winema.com.au)

## BITE-ME TUBE TRAKTOR



When used in conjunction with our high speed Collet Pullers the Tube Traktor takes the effort out of condenser tube pulling.

The Tube Traktor represents the latest evolution in high speed tube extracting equipment. Designed for use in conjunction with the collet style tube pullers this compact powerful machine will enable the operator to extract and flatten tubes from condensers at speeds between 10 and 70 metres per minute once the expansion joint has been broken.

Made from the highest quality materials this reliable dependant machine incorporates, quality hydraulic motors, solid 1 piece pulling rolls machined from tool steel and hardened for extended life, body components machined from marine grade aluminium for high strength, fully sealed bearings for hour's of trouble free operation, and incorporates a built in lifting eye and handle.

The Tube Traktors versatility is enhanced by the fact that it can run from almost any low pressure high flow hydraulic pump. The Tractors ideal operating pressure is 137 bar (2000 psi) with flows between 20lpm to 100lpm depending on the desired pulling speed. It is preferred that the pump have a pressure compensating bi-directional proportional flow control fitted for safe, accurate and efficient use of the pump and the Tube Traktor.

The pump also has forward and reverse flow as occasionally the Tube Traktor will need to be reversed. This will require a 3 position (Forward / neutral / Reverse) joystick mounted to the Tube Traktor for ease of operation.

Originally designed to remove and flatten non ferrous tubes from 5/8" to 1 1/4" OD the Tube Traktor can be used to extract ferrous tubes from 5/8" to 1 1/2" OD using radius shaped rolls to sized to fit each tube.

## **Features**

- ❖ Solid 1 piece Pulling Rolls machined from tool steel and hardened for extended life.
- ❖ Body components machined from aircraft grade aluminium for high strength and anodised for corrosion resistance.
- ❖ Steel nose piece and bearing caps for corrosion resistance
- ❖ Fully sealed bearings for hour's of trouble free operation, no greasing required.
- ❖ Built in lifting eye and handle.
- ❖ Flattens tube for easy scrap handling
- ❖ Roll tension and spacing fully adjustable for different tube materials and sizes.
- ❖ Ferrous tube options available

## **Specifications**

Pulling Speed:	Up to 70mtrs per minute depending on pump.
Construction:	Aircraft grade aluminium, tool steel and powder coated steel.
Weight:	Approx 50kg
Size overall:	160mm deep 220mm wide 350 mm high (excludes exit tube)
Tube capacity:	15.8 mm to 38.1 mm" OD, up to 2.11mm wall thickness
Standard Configuration:	1" non ferrous tubes

## **Inclusions**

Tube Traktor is supplied with,  
Heavy duty transport locker  
Hand tools for normal operation  
User manual

## **Options**

If you require a complete package,  
Hydraulic pump  
Hydraulic hoses and fittings  
Spring balance  
Shipping

## **Pump Requirements**

Recommended minimum requirements are 40 litres per minute at 2000psi.  
This will achieve a pulling speed of approximately 30 metres per minute.

Recommended maximum requirements are 100 litres per minute at 2250 psi.  
This will achieve a pulling speed of approximately 70 metres per minute.

Forward and reverse oil flow required with variable flow control preferred

It is recommended that the pump be pendant controlled with a forward and reverse lever attached to the Tube Traktor head.

