

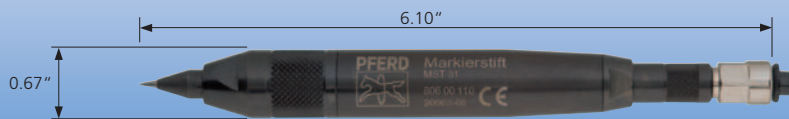
# Air grinders

## Marking pen



### Marking pen MST 31

Frequency: 30,000 - 36,000 strokes/min



#### Tool features

**MST** Marking Pen

**31** 31,000 strokes per minute

#### Accessories included

- Tungsten carbide engraving needle
- 6.5' air supply hose (with 1/4" NPT female threaded connection)

#### Tool benefits

- For engraving markings in metal, glass, plastics and even heat-treated tool steel (with fine needle).
- Patented pneumatic engraving pen working at about three times the frequency of competitive products.
- Frequency: 500 - 600 strokes/sec.
- Does not transmit harmful vibrations to the hand.



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To see it in action, please visit [pferdusa.com/90700](http://pferdusa.com/90700)



**Use only with a little oil.  
1 drop every 5 minutes.**

*In-line filter 95512 recommended*

EDP number	Model number	Needle gauge	Air consumption [cfm]	Exhaust direction	Throttle type	Sound level [dB(A)]	Air supply hose inner dia. [inches]	Weight [lb]
90700	MST 31 F	fine	1	front	ring	62	4	0.33
90701	MST 31 M	medium	1	front	ring	62	4	0.33
90702	MST 31 G	coarse	1	front	ring	62	4	0.33

### Replacement hose



Please order tungsten carbide replacement needles separately.

The fine needle is for engraving hardened surfaces such as heat-treated tool steels.

The coarse needle is for softer surfaces such as plastics and aluminum.

### Tungsten carbide engraving needles for marking pens



EDP number	Description
95200	Loose replacement hose with special coupling nipples, length: 6.6 feet
95500	Replacement needle, fine gauge
95501	Replacement needle, medium gauge
95502	Replacement needle, coarse gauge

