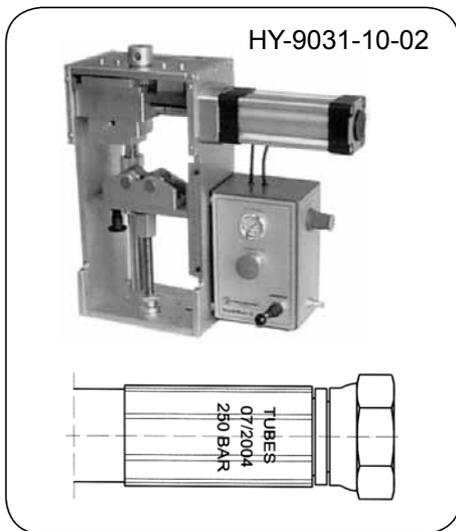


Hose assemblies marking equipment

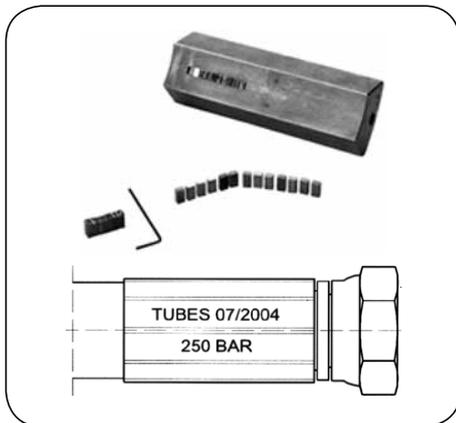


MARKMAN II

A machine designed to mark ferrules of hydraulic hoses. The ferrules are marked before crimping. They are reeled along an inscription arranged from types in a type holder. Marking in two or three lines holding up to 10 types 3 or 4 mm high. Ferrule outside diameter ranges from 13 mm to 85 mm (3/16" to 2"). The machine can be driven manually with a lever (II-M version, code HY-9031-10-01) or with pneumatic actuator (II P version - in the picture) fed with air under pressure of 6 bar.

Weight 28 kg (II-M), 35 kg (II-P).

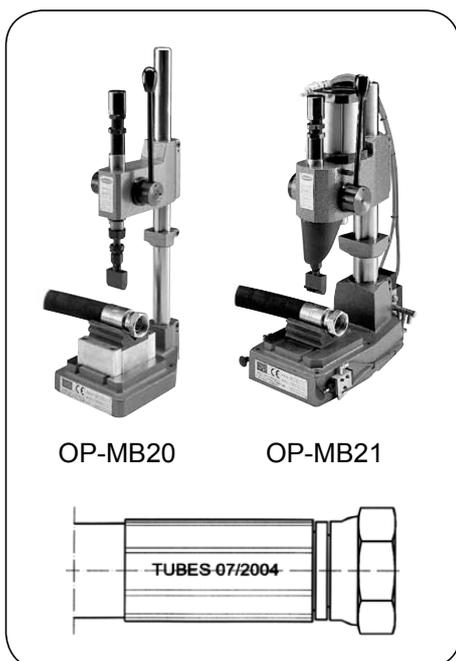
code	description
HY-9031-10-05	QC Adapter
HY-9031-10-04	3 line 4 mm type holder
HY-9031-00-04	4 mm type set



FINN-POWER marking dies

The application of special marking dies for FINN-POWER crimping machines offers possibility of imprinting characters on a ferrule during crimping operation. There is a groove in the marking die which enables arranging an inscription consisting of 12 up to 16 characters that are 2 or 3 mm high depending on the size of the die. It is possible to mark in two lines when two marking dies in the set are used.

A set of marking dies, single marking dies, types and accessories are available for all standard dies with nominal crimping diameter ranging from 14 ÷ 78 mm.



MB20, MB21

A machine designed for dynamic impressing of an inscription on ferrules of a hose assembly. Three exchangeable types of springs allow to adjust the force of impression. Inscriptions can contain up to 15 types 2 mm high, in one or two lines.

Drive: manual (MB20), pneumatic 7 bar (MB21),

Weight: 40 kg (MB20), 64 kg (MB21),

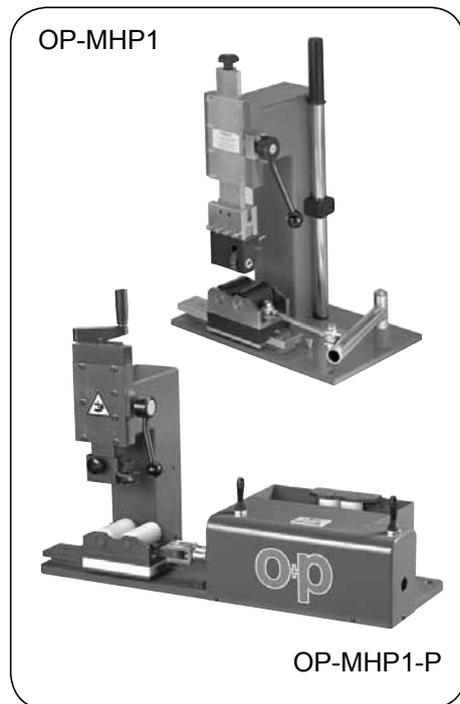
Accessories: see table below (ordered separately).

code	description
OP-MB-PC34	1 line type holder
OP-MB-PC34001	2 line type holder
OP-MB-CASE	2 mm type set

In order to make optimal selection of machines and marking units, please contact Technical Department of TUBES INTERNATIONAL®.

MACHINES AND ACCESSORIES - hose assembly production

Hose assemblies marking equipment



MARKER HP1, HP1 P

A machine for dynamic impressing of an inscription on ferrules of a hose assembly up to 2" in diameter. Equipped with one line type holder that can include up to 16 characters 3 mm high.

Driven by: hand operation (HP1),
pneumatically operated max. 6 bar (HP1 P).

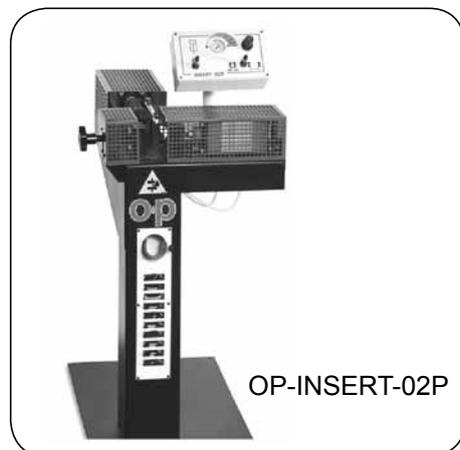
Weight: 26 kg (HP1), 50 kg (HP1 P).

Accessories (to be ordered separately):

code	description
OP-MHP-PC2	2 line type holder
OP-MHP-CASE	set of characters
OP-MHP-NUM	type holder with 3 rolls
OP-MHP-PP	pneumatic pedal



Machines for inserting fittings



INSERT - 02P

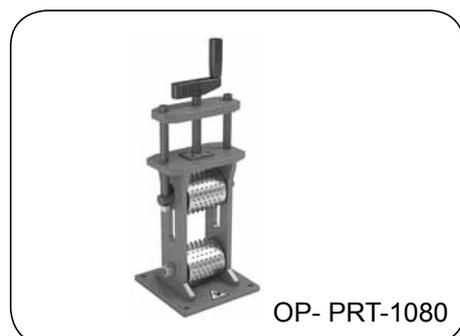
A machine designed to insert fittings on hydraulic hoses up to 2" in diameter. The use of INSERT-02P in production process reduces the time needed for assembly.

- drive and operation: pneumatic 7 bar,
- hose mounting: pneumatic,
- weight: 95 kg.

Tools for fitting inserting are ordered separately.

code	description
OP-INS-02PSET	set of tools for fitting inserting for 2"

Tools for hose pin pricking



PRT 1080

A manually operated tool designed for pricking hoses from 3/8" up to 3" diameter. The distance between rollers is set with a hand crank.

- can be mounted on a base,
- rolls operating range from 10 mm to 80 mm,
- weight 11 kg.