

Parker Product Datasheet



The HVM-B pre-assembly tool and the EO-Karrymat are reliable devices for quickly, safely and conveniently assembling Ermeto Original fittings.

PART NUMBER: 82C-2HP

TYPE: EO-KARRYMAT Handpump

PRODUCT OVERVIEW

The HVM-B pre-assembly tool and the EO-Karrymat are reliable devices for quickly, safely and conveniently assembling Ermeto Original fittings.

HVM-B: This is a simple tool for quickly and safely pre-assembling the EO-Progressive Stop Ring/Progressive Ring. The tool is very handy and can be used at any site provided a vice is available. The device is suitable for LL, L and S series, tube sizes from 4 to 15 mm outside diameter and steel tube and fitting materials. The weight of the HVM-B is about 7 kg (without tools). The economic production quantity is maximum 20 assemblies/day.

Markets for HVM-B device:

- Workshops

Applications:

- Suitable for general hydraulic applications.

Features/ Benefits of the HVM-B device:

- Using the HVM-B device reduces assembly time and effort.
- The high assembly quality and consistency assures reliable fitting performance.
- Due to their low weight, easy handling and simple but reliable design, EO assembly devices are the ideal tools for tube preparation for small quantities.

- The HVM-B is a flexible tool and can be used anywhere to assure safe fitting assembly –even at assembly sites where EOMAT technology is not available.

EO-KARRYMAT: This is a dependable device for safe and efficient bite-type pre-setting. It allows the pre-assembly even of large steel and stainless steel tubes at assembly sites where EOMAT technology is not available.

The EO-Karrymat consists of a hydraulic drive and hand-pump. The hydraulic assembly pressure can be read on a gauge. The EO-KARRYMAT comes as one unit with all components firmly attached to a practical carrying frame.

Specifications: For pre-assembly of EO-PSR/DPR and EO-2 fittings

- Pre-assembly equals: EO Progressive Stop Ring (PSR): 1 ½ turns of nut EO Progressive Ring (DPR): 1 ¼ turns of nut; EO-2: Gap closed
- Tube O.D.: 6 to 42 mm
- Minimum U-bend: 66 mm
- Tube and fitting material: steel and stainless steel
- Total cycle time: approx. 30 - 60 seconds
- Weight: approx. 28 kg
- Economic production quantity: max. 20 assemblies/day

Markets for EO-KARRYMAT:

- Repair workshops
- Mobile repair service

Applications:

- Plant maintenance in process engineering, paper production, power plants, offshore exploration, industrial production
- On-site assembly of tubing systems

Features/ Benefits of the EO-Karrymat:

- The EO-KARRYMAT is portable and does not need a power supply. It is therefore the ideal tool for on-site tube assembly, repair and plant maintenance.
- The EO-KARRYMAT is an economic tool because assembly with it requires much less hard work than manual assembly but still achieves the assembly results of the Eomat machine.
- Because the direct assembly of stainless steel tubes into bite type fittings results in failure, a special pre-assembly process is mandatory according to ISO 8483/DIN 3859 and all manufacturers' instructions. The EO-KARRYMAT fulfills this requirement.
- After pre-assembly, the tube joint can be easily inspected before final assembly. So this mandatory step in fitting assembly is less likely to be forgotten and increases the safety of the entire system.

TECH SPECIFICATIONS

DIVISION

High Pressure Connectors Europe Division