

Lobster – Gasket Insertion Tool



Lobster 'GIT' offers an enhanced solution for Flange Gasket Insertion ensuring a safer, faster, cost effective and more accurate method of installing **gaskets** between two mating flanges and is superior in quality.

Gasket Insertion Tools were originally designed for high pressure applications in the oil and gas industry where the installation of metallic ring type joints is challenging and has been problematical for decades.

Unlike other gasket insertion tools other gasket installation tools available in today's market, the Lobster is diversified and provided added benefits, not only used to install RTJ's- (R/BX/RX/SBX/SRX) but a variety of other gaskets used on raised face flanges such as Spiral Wound Gaskets, Kammprofile Gaskets, Metal Jacketed Gaskets, Solid Gaskets, Non Asbestos Gaskets to name a few.

The Lobster GIT can be used to install gaskets in any flange positions, vertically, horizontally.

The tooling is reusable and durable giving a return on investment after just ten gasket installations.

Industries Served

Oil & Gas, Process, Utilities, Marine, Dredging, Desalination Plants, Aluminium Plants & steel Rolling Mills, Oil Tanking, EPCs & Contractors, OEM, Subsea and Pipeline contractors

Health & Safety

Safety is paramount in today's industry, the correct use of the Lobster 'GIT' ensures that there are no injuries to employees fingers, hands and arms during gasket installation.

A combination of unsuitable methods being used to install gaskets, ranging from hands to simple tooling. Not only does this method cause injuries to employees but it also causes damage to the flanges face which ultimately will lead to product leakage. Both resulting in high costs for the employer.

- Gaskets are easy to install as the Lobster GIT is light in weight and easy to handle, one-hand operating process allows single mounting of gaskets, reducing handling time.
- Many companies operate with a '**hands free protocol**', the use of the 'Lobster holding device means that **the operator can work hands free offering significant advantages**

Technical DataSheet

The Lobster Material Specification

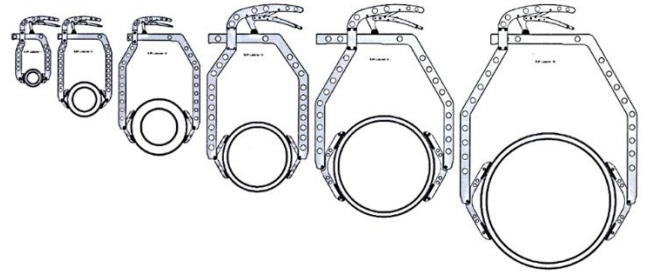
The Lobster Gasket Insertion Tool is manufacturer in Europe using high quality materials.

- The body of Gasket Insertion Tool, is high tensile aluminium with anodic treatment, resistant against seawater, the same material as used in the aerospace, aviation and offshore industry.
- The clamp is produced from steel with a special treatment ensuring resistant against seawater.
- The screws and nuts are stainless steel seawater resistant.

Meaning, we are on the safe side for the offshore usage too!

Availability:

The Lobster Gasket Insertion Tool is currently available in six different tool sizes that are used on variety of gaskets from OD 50mm to OD 800mm and circular, oval and octagonal shaped gaskets.



Tool sizes and dimensions:

Tool Size	Gasket Outer Diameter	Gripper Size 'G'	Tool Dimensions	Tool Weight	Box Weight	Box Dimensions	Total Weight
1	50mm – 80mm	6mm	29cm x 18cm x 2cm	0.4Kg	0.9kg	61cm x 44cm x 8cm	1.3kg
2	80mm – 150mm	6mm	41cm x 23cm x 2cm	0.5Kg	0.9kg	61cm x 44cm x 8cm	1.4kg
3	150mm – 250mm	6mm	55cm x 31cm x 2cm	1.0kg	1.5kg	71cm x 59cm x 8cm	2.5kg
4	250mm – 350mm	6mm	74cm x 43cm x 2cm	2.0kg	3.2kg	122cm x 90cm x 8cm	5.2kg
5	350mm – 500mm	8mm	84cm x 57cm x 2cm	4.5kg	3.2kg	122cm x 90cm x 8cm	7.7kg
6	500mm – 800mm	8mm	103cm x 86cm x 2cm	5.0kg	3.2kg	122cm x 90cm x 8cm	8.2kg

Holding Devices in 2 sizes:

Size	Description	Weight
Small	Aluminum Holding Device suitable for Lobster Tool Size 1, 2 and 3	0.30kg
Large	Aluminium Holding Device suitable for Lobster Tool Size 4, 5 and 6	2.50kg
Small	Stainless Steel Holding Device suitable for Lobster Tool Size 1, 2 and 3	0.90kg
Large	Stainless Steel Holding Device suitable for Lobster Tool Size 4, 5 and 6	7.30kg

Notes:

- Working subsea the Stainless Steel Holding Device is recommended.
- The Lobster GIT does not require a lot of storage space

The information contained in this data sheet is given in good faith and no liability will be accepted by the company in relation to this product.

We reserve the right to change the details given on this data sheet as additional information is acquired enabling us to update at any given time. The latest release of the data sheet is available on our website