

Manual operated flange facer

for re-machining damage flange faces.

Setup in minutes, machining in seconds.
a **solid result every time.**

Your desired **surface finish,**
with a simple switch of **gears.**

On a **wide range** of sizes
with 2 different clamping methods.

Operational data

COLLET: Min clamp capacity: 48.2 mm / 2"
Max clamp capacity: 240 mm / 9"

Min facing diameter: 48.2 mm / 2"
Max facing diameter: 560 mm / 22"

Shipping data

Total package dimensions: 83 x 54 x 43 cm
Package weight: 34 kg

Check page 4 for a visual representation.

This **easy to operate** hand held flange facer allows **any technician**
to recondition RF / FF and other gasket seatings in situ.
After mounting of the tool the alignment can be adjusted in no-time!

The internal diameter that can be clamped is 2" to 22"
Due to the **huge** clamping and machining range
the Minifacer EVO is a very efficient tool for a service or repair workshop
but also for piping construction companies or vessel manufacturers.

The tool is delivered in a **highly durable hardcase** which is
easy to manipulate or transport and guarantees
safe transportation of the tool to wherever needed.
The case contains all parts listed on the next page.

BASE: Min clamp capacity: 146 mm / 6"
Max clamp capacity: 466 mm / 22"

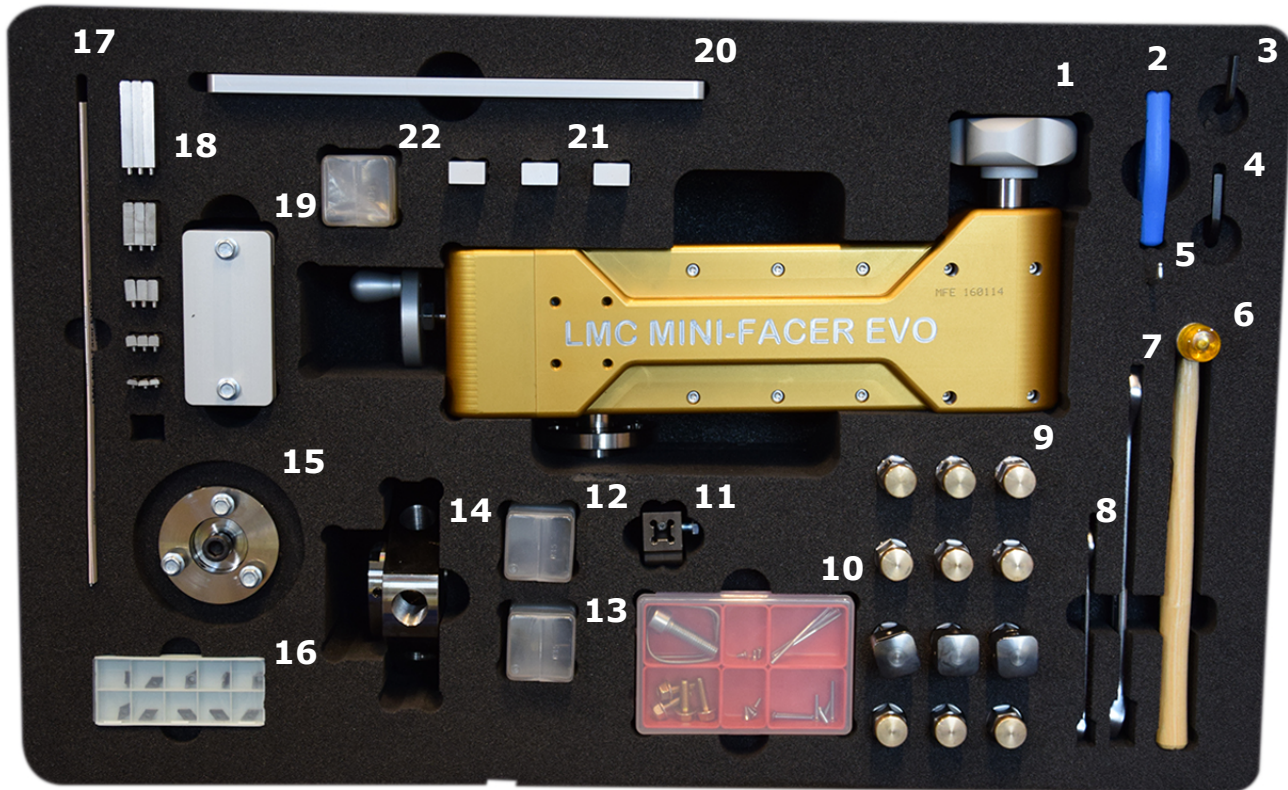
Dimensional data

Weight ready to use: 9 kg
Minimum swing radius : 292 mm

Available surface finish

- Stock finish ASME B16.5 (3.2 - 12.5 Ra)
- Smooth finish (3.2 - 6.3 Ra)

Minifacer EVO case content:



- | | |
|---------------------------------|----------------------------------|
| 1) Minifacer EVO tool | 12) Cutting tool extended right |
| 2) Allen key | 13) Cutting tool extended left |
| 3) Allen key | 14) Base |
| 4) Allen key | 15) Collet |
| 5) Allen key | 16) 10 double sided cutting tips |
| 6) Plastic hammer | 17) Slide chart |
| 7) Spanner 19 mm | 18) Clamping gibs |
| 8) Spanner 10 mm | 19) Counterweight |
| 9) Set of clamping feet | 20) Setting rail counterweight |
| 10) Box with screws and springs | 21) Setting bars |
| 11) Toolpost | 22) Cutting tool neutral |

Also included: Measuring gauge and a surface roughness comparator

9) clamping feet:

- 3x 61 mm
- 3x 103 mm
- 3x 143 mm
- 3x 183 mm
- 9x exchangeable tips
- 3x adjustable feet
(for easy allignment)

10) plastic box:

- 2x endless spring
- 1x M10 x 35
- 3x M3 x 6
- 3x M3 x 8
- 3x M3 x 16
- 3x M3 x 25
- 6x M3 x 50
- 4x M6 x 20 (spare)

18) Clamping gibs:

- 3x gib 45-54 mm
- 3x gib 3 mm
- 3x gib 6 mm
- 3x gib 12 mm
- 3x gib 24 mm
- 3x gib 48 mm



83 x 54 x 43 cm

All of the tools and equipment for machining are included in this hardcase.

It is **easily transported** like a trolley, with a weight of only **34kg** it shouldn't be a problem to get to where the tool is needed.

Surface finish:

The minifacer EVO is designed to be able to deliver **2 different surface finishes**. the gearbox is a simple **gear switch** between stock finish, neutral and smooth finish. technical info is listed below.

Stock finish:

In this position the surface finish is ASME B 16.5 wich is the standard for most gaskets . (6.3 to 12.5µm) according to ASME specification.

Neutral gear:

This is mainly for traveling purpose of the cutting tool but can be used to cut concentric grooves for machining without feeding.

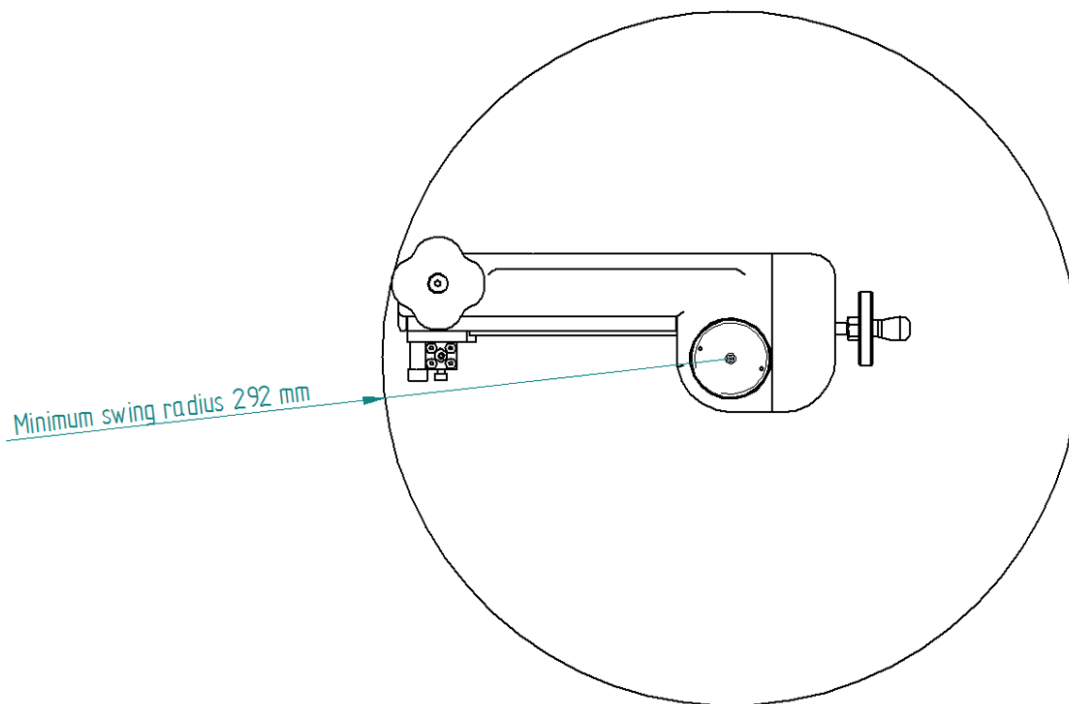
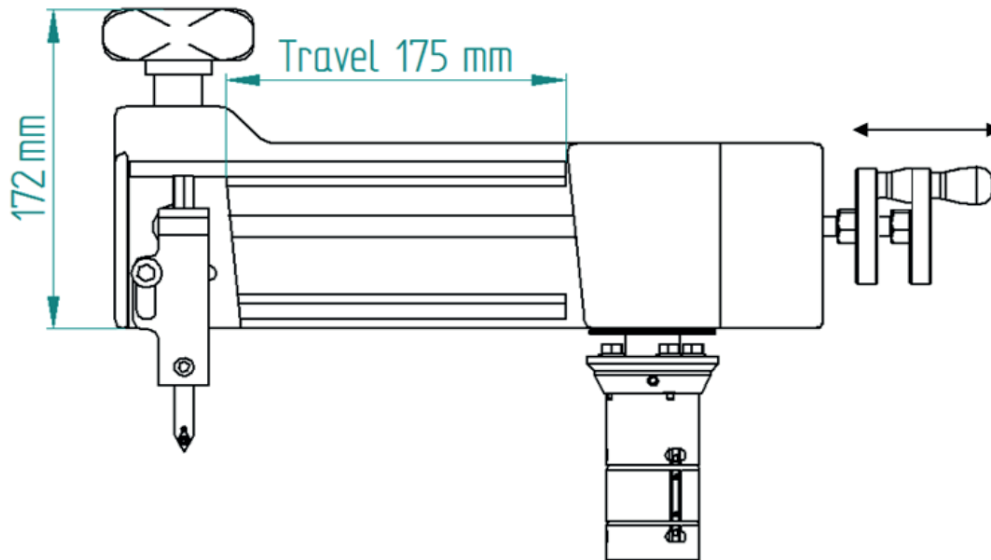
Smooth finish:

In this position the surface finish is a lot smoother (3.2 to 6.3 µm). This finish is used for other types of gaskets These surface conditions are also commonly used in flanges.



This is easy to check with the surface roughness comparator (delivered with the tool)

Measurements visualised



For any additional info contact your distributor.