

PORTABLE FLANGE FACING MACHINES · 1"–80"

ORBITRUE 40

MOTORISED FLANGE FACING MACHINE

SWITCH SYSTEM

ORBITRUE 40

Facing, chamfering and bevelling of flanges from 18" to 40" (Ø 457–1016 mm), horizontally or vertically.

ORBITRUE 40 is the mid-size flange facing machine on the Switch System platform. It clamps inside the flange with its fixing arms; the arm carries the tool in orbit around the axis and re-machines the sealing face directly on the plant.

- Flanges from 18" to 40"
- Clamping with fixing arms
- Automatic radial feed
- ±45° tool head
- Four drives
- Switch System platform

457 – 1016 mm

FACING RANGE

18" – 40"

FLANGES

±45°

TOOL HEAD

4

DRIVES

TECHNICAL SPECIFICATIONS

by drive

SPECIFICATION	ELECTRIC	PNEUMATIC	HYDRAULIC	CNC
Energy	Mains power	Compressed air	Hydraulic power pack	Numerical control
Motor	Gearmotor, planetary reduction	Compressed-air motor	Hydraulic motor, variable speed	Motorised axes, programmed cycles
Mounting	Internal (ID mount), horizontal or vertical			
Facing range	Ø 457 – 1016 mm (18" – 40")			
Rotation	Rotary module on a precision slewing bearing			
Radial feed	Automatic per revolution, with manual override			
Tool head	Swivelling ±45°			
Operations	Facing · chamfering · bevelling			
Platform	Switch System			

CONFIGURATION

CLAMPING

The machine centres and locks inside the flange with its fixing arms: no external reference to build.

±45° TOOL HEAD

The head swivels to face, chamfer and bevel in the same set-up.

SWITCH SYSTEM

One core, two machines: with the Switch Kit the flange facing machine turns into a large-diameter line boring machine.

APPLICATIONS

OIL & GAS AND PETROCHEMICAL · POWER AND PROCESS · MARINE AND OFFSHORE · MAINTENANCE AND SERVICE · facing · chamfering · bevelling

ORBITRUE RANGE

facing Ø · 25–2032 mm · 6 sizes

19 Manual

Ø 25–482 mm
MANUAL

6

Ø 25–152 mm
COMING SOON

16

Ø 25–406 mm
COMING SOON

24

Ø 300–600 mm
COMING SOON

40 •

Ø 457–1016 mm
MOTORISED

80

Ø 1016–2032 mm
MOTORISED

Tell us the flange diameter, material and position: we reply with configuration, availability and a quotation.