

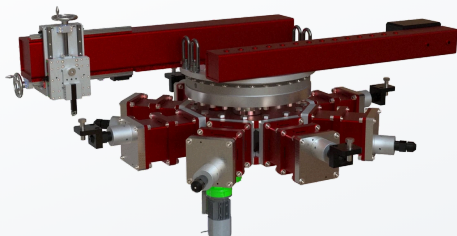
PORTABLE FLANGE FACING MACHINES · 1"–80"

ORBITRUE 80

MOTORISED FLANGE FACING MACHINE FOR LARGE FLANGES

SWITCH SYSTEM

ORBITRUE 80



Facing, chamfering and bevelling of flanges from 40" to 80" (Ø 1016–2032 mm), horizontally or vertically.

ORBITRUE 80 is the largest size in the family. The rotary module on a precision slewing bearing carries the arm around the flange axis; radial feed is automatic at every revolution, with manual override always available, and the tool head swivels $\pm 45^\circ$ to move from facing to chamfering.

- Built for large flanges
- Rotary module on a precision slewing bearing
- Automatic radial feed
- $\pm 45^\circ$ tool head
- Four drives
- Switch System platform

1016 – 2032 mm
FACING RANGE

40" – 80"
FLANGES

2.5 kW
ELECTRIC VERSION

$\pm 45^\circ$
TOOL HEAD

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
Motor power	2.5 kW	on request	on request	on request
Rotation speed	up to 80 rpm	on request	on request	on request
Mounting	Internal (ID mount), horizontal or vertical			
Facing range	Ø 1016 – 2032 mm (40" – 80")			
Rotation	Rotary module on a precision slewing bearing			
Radial feed	Automatic per revolution, with manual override			
Tool head	Swivelling $\pm 45^\circ$			
Operations	Facing · chamfering · bevelling			
Platform	Switch System			

CONFIGURATION

ROTATION AND FEED

The arm rotates on a precision slewing bearing: it is the heart of the machine and keeps the orbit regular across the whole diameter.

$\pm 45^\circ$ 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.