



Chamfering, Beveling & RADIUSING Machines

We can offer the largest range of chamfering and beveling machines in the UK. From light to extra heavy duty portable, bench or pedestal mounted. Special designs for heavy plate as used in ship and bridge building.

The machines shown here are a selection of our most popular models.

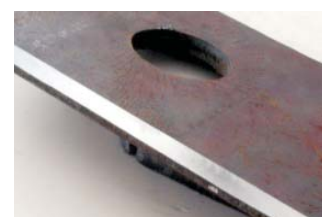
Bevel Finishes



Radiusing on one or both edges. 2 - 6mm radii.



The slightly rippled bevel finish from machines with milling cutters.



The smoothest finish produced by abrasive belts or discs.

Portable Beveling machines with milling cutters



Model 2014

1.5 KW, 0 - 5mm chamfer



Model 2023

2.6 KW, 0 - 10mm chamfer



Model 760

1 KW, 0 - 15mm chamfer



Model KaKi 2014-42

1.4 KW, 0.5 - 6mm radii

Pedestal and Bench Chamfering machine with abrasive discs



Model 43

0 - 3mm chamfer



Model 61

0 - 6mm chamfer



Model 650

0 - 10mm chamfer

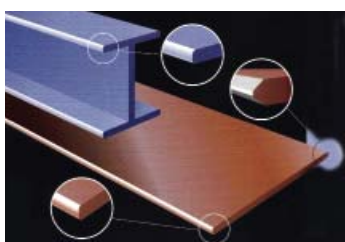


0 - 10mm chamfer (horizontal cutting head)

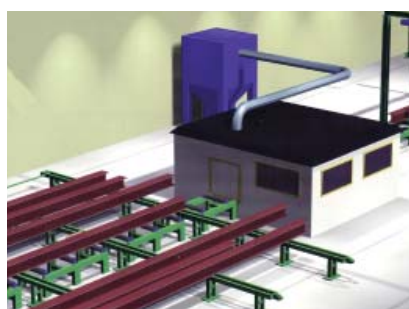
Edge preparation for shipbuilders, bridgebuilders and the construction industry

These are our largest machines. For plate, flat bar, girders, bulb flats, etc. All of these

machines use abrasive belts for faster stock removal and improved finish.



- Edge grinding
- Corner radiusing
- Beveling
- Removing primer and rust
- Removing hardened surface
- Straightening edges



A typical installation with infeed and outfeed handling. With multihead abrasive belt power grinders inside acoustic booth. With central control cabinet.

SURFACE TECHNOLOGY PRODUCTS LTD.

244 HENEAGE STREET, BIRMINGHAM B7 4LY Telephone: 0121 359 4322 Fax: 0121 359 1817

Email: sales@surtech.co.uk www.surtech.co.uk



Bevelling Machines With Rotary Shear Cutters

- Model CHP 6
- Model CHP 12
- Model CHP 12-G
- Model CHP 12-G REV
- Model CHP 21-G
- Model CHP 21-G REV

All CHP bevelling machines use rotary shears for cutting. Rotary shears cut faster than milling cutters used in many other bevelling machines, however the finish is not as smooth as produced by milling cutters but has a rippled surface.

Model CHP 12 is the most popular machine. It covers nearly 80% of all bevelling operations with portable and transportable machines. Model CHP 12 as well as Model CHP 21 can be mounted on wheeled carriages so that the machines self propel along the length of the plate.



CHP 6



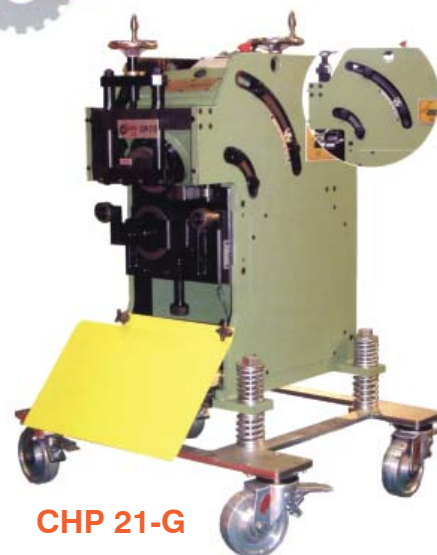
CHP 12







CHP 12-G



CHP machines can also bevel tubes and small plates



CHP 21-G

MILLING CUTTERS	CHP 6	CHP 12	CHP 12-G CHP 12-G REV	CHP 21-G CHP 21-G INV
 1026 for carbon sheets	X	X	X	
 1026-1 for stainless steel	X	X	X	
 1026-F for aluminium	X	X	X	
 2003-A for carbon & stainless steel				X



Bevel
angles

	CHP 6	CHP 12	CHP 12G CHP 12G REV	CHP 21G CHP 21G INV
Motor Power	0.75 HP	3 HP	3 HP	4 HP
Voltage	220/380 V	220/380 V	220/380 V	220/380 V
Approx Feed Speed per minute				
on mild steel	1.8m	2.6m	2.6m	1.7m
on stainless steel	0.9m	1.3m	1.3m	0.9m
Max bevel width				
on mild steel	6mm	12mm	12mm	20mm
on stainless steel	5mm	10mm	10mm	16mm
Bevel angle	30°	30°	20-45°	20-45°
Plate thickness	3-16mm	6-40mm	6-30mm	9-50mm
Approx weight	34 kg	65 kg	110 kg	370 kg

SURFACE TECHNOLOGY PRODUCTS LTD.

244 HENEAGE STREET, BIRMINGHAM B7 4LY Telephone: 0121 359 4322 Fax: 0121 359 1817

Email: sales@surtech.co.uk www.surtech.co.uk