

QUICKDISC

Efficient removal of damaged areas in steel belts and the production of repair and replacement discs.

Easy removal of damaged areas

The IPCO QuickDisc tool enables quick and easy removal of damaged areas in steel belts and the production of circular blanks for repair/replacement. The tool has been specifically designed for press belts used in the manufacture of wood based panels. Making use of a special cutting tool, the QuickDisc produces a clean cut hole to such precise tolerances that no additional treatment – e.g. edge grinding – is necessary. Welding can be carried out with no distortion.

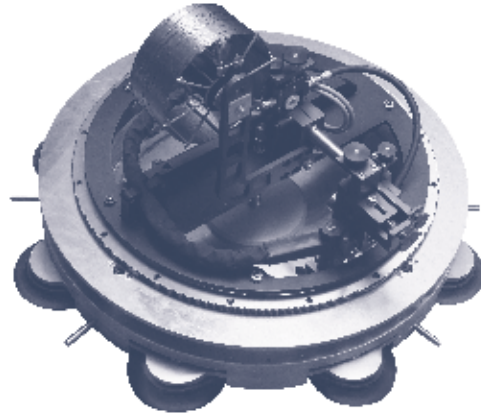
	QuickDisc 300	QuickDisc Plus 500
Cutting diameter mm	140	210
	210	300
	300	400
		480

Effective, reliable, adjustable

The main aluminium body is equipped with suction cups and is designed to keep the steel belt flat. The suction cups are connected to compressed air, (6 bar, 600 l/min) which creates a vacuum against the steel belt. A rotating centre holds a trepanning tool made of Sandvik Coromant, which is fed manually during cutting out of the damaged area (the centre unit operates pneumatically). The trepanning tool, with its axial cutting-off blade, is adjustable for diameters corresponding to IPCO clamping plates and the pneumatic clamping device used for the welding of the insert.

The QuickDisc is also used for the manufacture of the circular blanks used to replace the cut out damaged area. Ideally, the circular blank should be produced beforehand to minimize production downtime. The circular replacement blank should always be made from a material of identical thickness and steel grade as the steel belt to be repaired.

IPCO QuickDisc Plus 500



Specifications

IPCO QuickDisc 300

All parts are packed in an aluminium box, 760×740×380 mm (L×W×H).

Total weight approx. 58 kg

Item no: SQDISC-300

IPCO QuickDisc Plus 500

All parts are packed in an aluminium box, 1020×1020×980 mm (L×W×H).

Total weight approx. 180 kg

Item no: SQDISC-500

QuickDisc 300 is operated by manual welding. The QuickDisc plus 500 is a patented tool for "automatic welding".