ARIANA

Maintenance system, Type: 1000

Order data

Order number	084372 1000
GTIN	4037728819986
Item class	08J

Description

Version:
The ARIANA R-1000 maintenance station ensures that emulsions or solutions are optimally cleaned and maintained during production. Cooling lubricants used in wet-cutting machines are subject to a high degree of contamination. Externally supplied hydraulic oils, bedway oils and grease collect on the surface of the emulsion and, in high concentrations, prevent the vital exchange of oxygen. Combined with floating and deposited solids, this then provides the ideal breeding ground for bacteria and fungi, which cause the cooling lubricant to deteriorate. Constant maintenance with regular removal of these contaminants considerably extends the working life of the cooling lubricant and reduces disposal costs.
Advantage:
· **Simultaneously removes tramp oils and solids.**
· **Works independently using the bypass principle, without the need for staff.**
· **Stops the formation of odours and the risk of infection.**
· **Longer service life for lubricants and tools.**
· **Lower disposal costs.**
Function:
The ARIANA R-1000 maintenance station suctions off a mixture of oils and solid particles from the surface of the emulsion. This mixture is separated in the maintenance station, the cleaned emulsion is passed back into the machine tool and the separated oil is passed to a separate disposal container. The emulsion and oils are separated purely physically and so gently that

the emulsion is not damaged by spinning, etc. Up to 97% of tramp oils which float up and swirl around are removed. The emulsion is cleaned without the need for any staff while the machine tool is working. There is no need for any downtime. 80 – 350 litres passes through the centrifugal pump, depending on the setting.

Technical description

Weight	15 kg
Height	440 mm
Material	V2a grade 1.4301
Depth	152 mm
Power supply	Mains-powered
Width	270 mm
Type of product	Cooling system