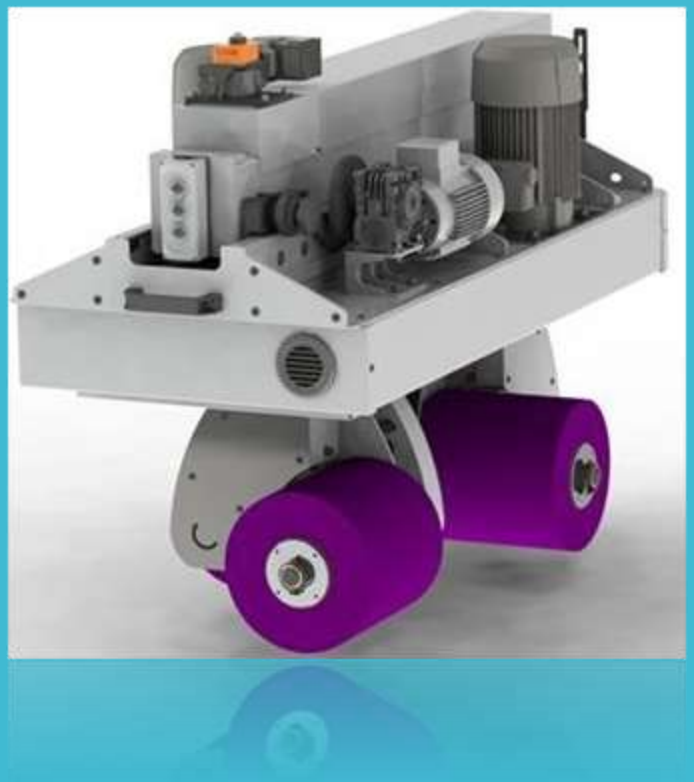
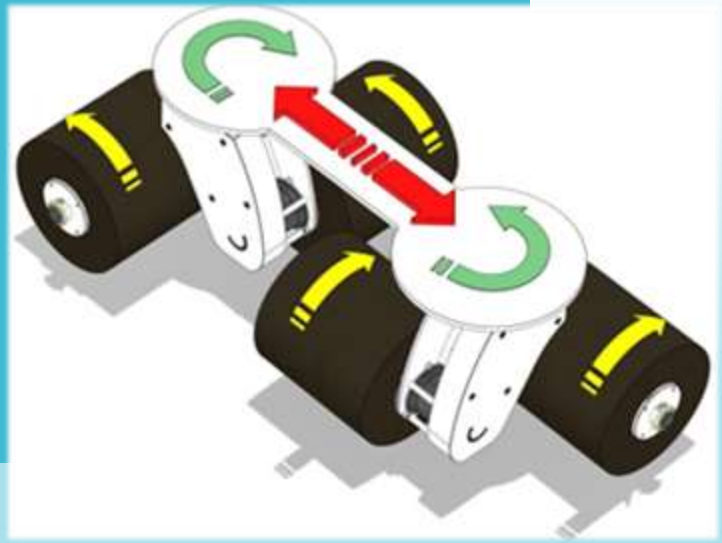
Working unit A with rotary brushes



Technical information and description

Work unit A is used for the following work operations :

1. Edge rounding
2. Surface finishing
3. Deburring of foiled parts
4. Deburring of galvanized sheets
5. Deburring and rounding of edges in thin sheets



Description:

1. Deburring wheels diameter 250x250x50 mm
2. Oscillation of the whole unit A
3. Counter-rotation of unit heads
4. Counter-rotation of deburring wheels
5. Quick-release brush replacement system
6. Variable speed adjustment of all rotations and oscillations using FM for a perfect result of all required work operations

Technical parameters

Working width: 1100 and 1300 mm
Motor powers: 2x 2,2 kW + 0,5 kW + 0,25 kW
Head rotation speeds: 10 - 60 rpm
Brush rotation speeds: 450 - 1200 rpm.
Oscillation speed: 1.5 – 4 rpm with switch-off option

Recommended settings

Head rotation speeds: 10 - 20 rpm
Brush rotation speeds: 1000 - 1200 rpm
Feed belt speed: 0,5 – 2,5 m/min

Unit drives

Head drive: DUPLEX chain
Brush drive: belts
Oscillation drive: crank mechanism

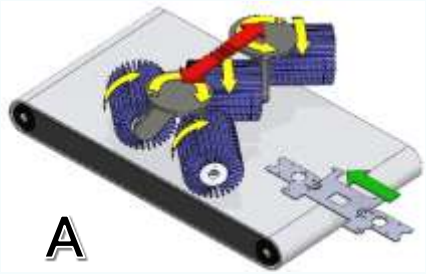
Working tools

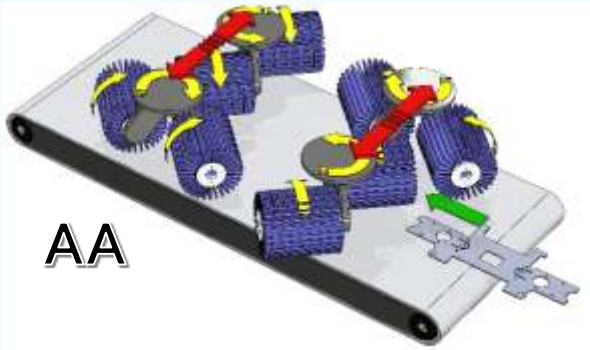
Deburring brush with ceramic grain P60 – P180
Classic cut – designed for rounding edges and unifying the surface of the material

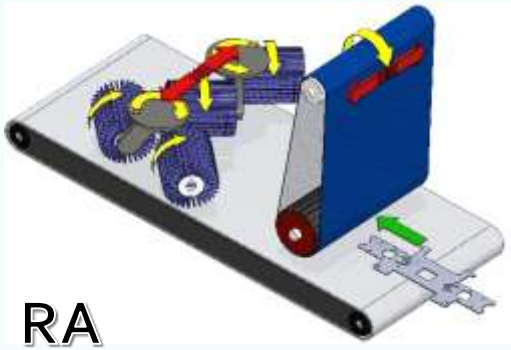
Deburring brush with corundum grain P80 – P240
Classic cut – designed for rounding edges and unifying the surface of the material

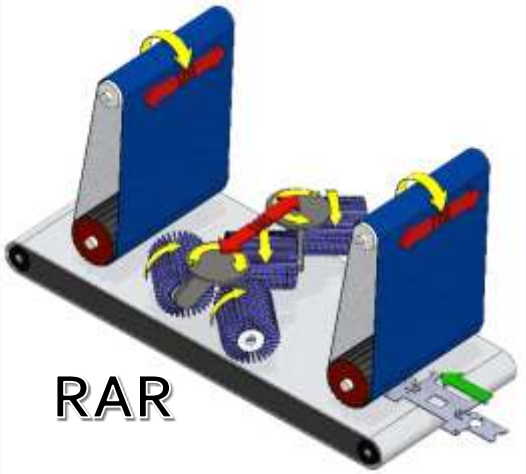
Deburring brush with ceramic grain
X-cut – designed for surface unification and deburring of small holes

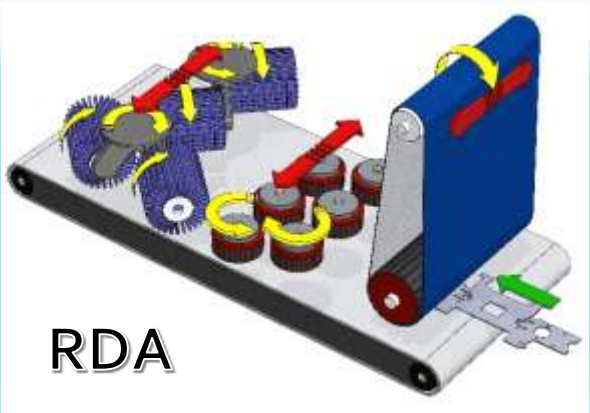
Configuration





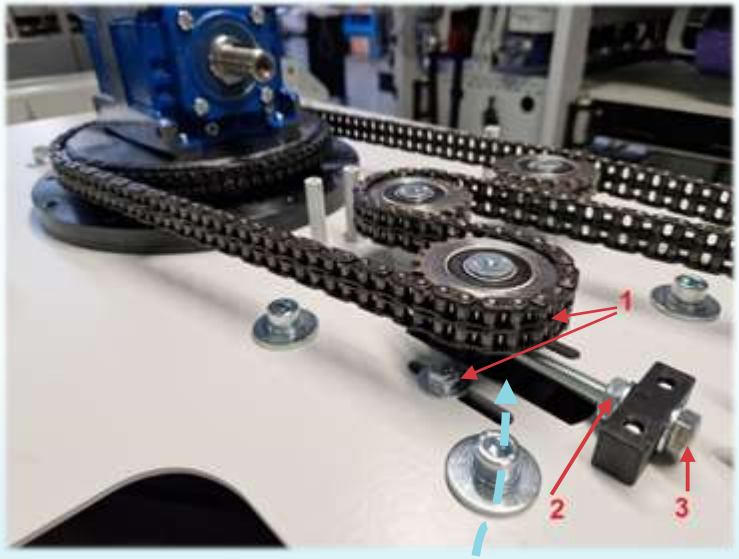






Maintenance of unit A

Head drive chain tension



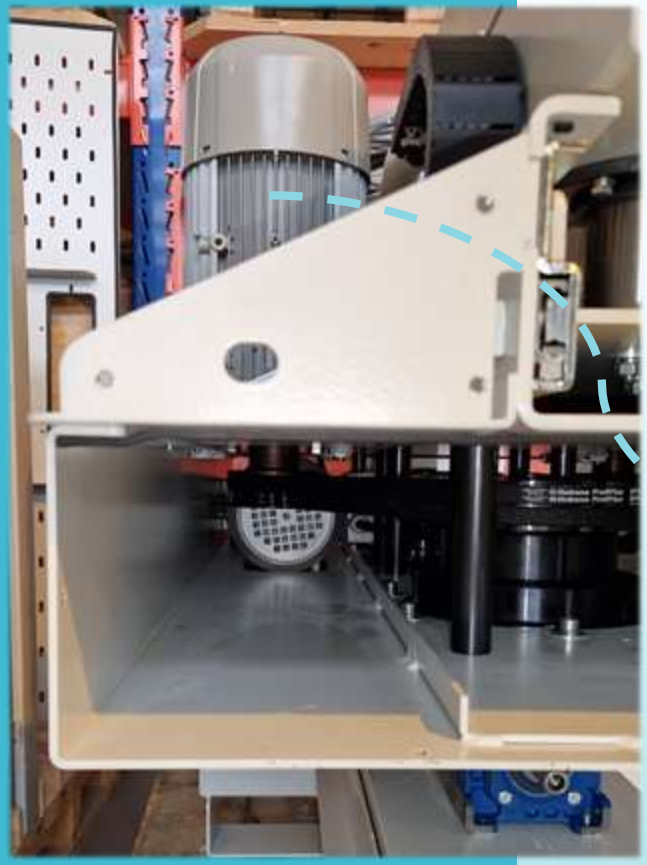
Loosen screws 1 and screw 2

Tighten the screw 3 to 2 Nm.
Do not overstrain the chain!

Tighten screws 1 and screw 2

Maintenance of unit A

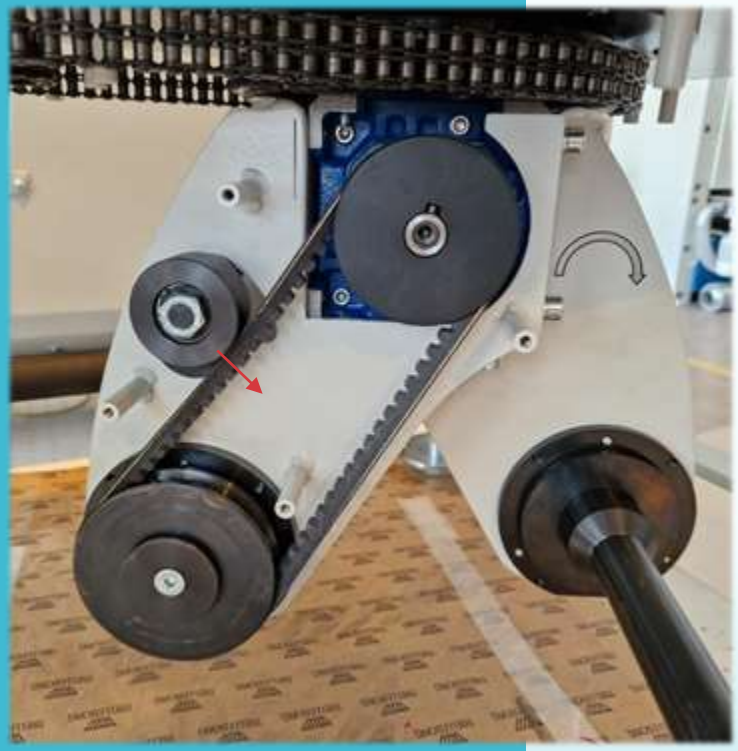
Tensioning of brush drive belts

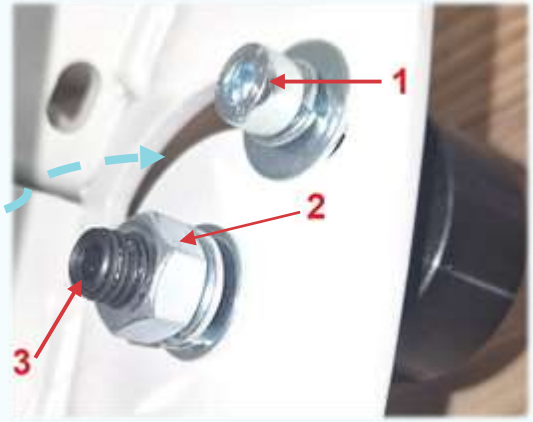


Loosen 4 screws 1
Tighten the nut 2 to 2 Nm.

Maintenance of unit A

Tensioning of brush drive belts





Enable the Allen screw 1
Enable mother 2

Tighten the 3 Allen to 2 Nm

Tighten the mother 2

Tighten the Allen screw 1

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