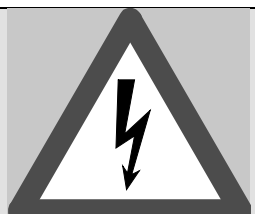


12 Cleaning of shredding unit and screen

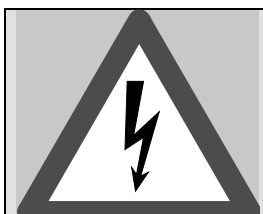
12.1 Cleaning of shredding unit

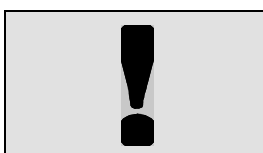
The shredding unit should be cleaned once a week.

	<p>Danger! Before cleaning ensure that the main switch of the shredding machine cannot be switched on.</p>
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12.2 Cleaning of the screen (optional)

Computer hard drives and other optical media contain magnetic parts which by their nature will attach themselves to any metal surfaces including cutters, spacers and the disintegration security screen. It is absolutely necessary to remove these magnetic parts from the machine on a weekly basis or earlier if the capacity throughput of the unit will be reduced. These parts will eventually block the screen and if not removed on a regular basis they may cause serious damage.

	<p>Danger! Before cleaning ensure that the main switch of the shredding machine cannot be switched on.</p>
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	<p>Attention! Staff must be provided with suitable clothing including eye protection, gloves and hard shoes etc. as the magnetic parts can be very sharp.</p>
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12.3 Exchange & cleaning of screen on shredder JBF 38/50

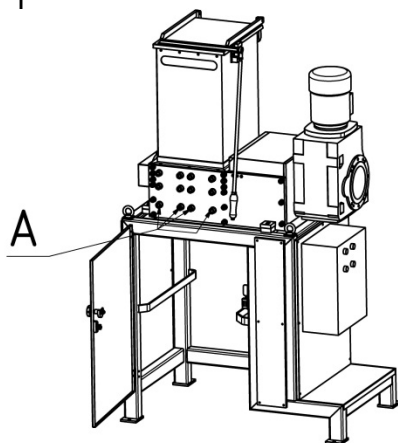
Procedure:

1. Switch-off machine and ensure that the main power switch cannot be switched-on again until the service process is finished
2. Open front door and remove the waste container.
3. Prop up screen from underneath with the help of a forklift or hoist by placing wooden beams or similar onto the lifting platform to support the screen before loosening the screen's fixing bolts

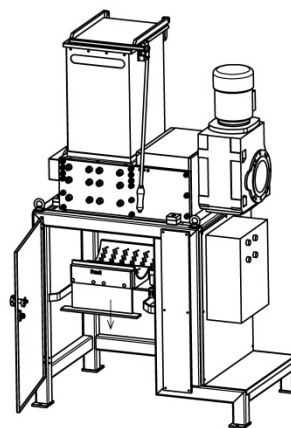


4. Loosen the bolts "A" (4 x Allen bolts M20 each on front and 4 x Allen bolts M20 on the back side of the cutting unit (see picture. 1)
5. With the help of the lifting device move the screen downwards out of the cutting unit when all bolts are removed (see picture 2). Please note that the weight of the screen is approx. 55 kg without the magnetic parts attached.

pict. 1



pict. 2



6. If the screen is stuck and will not slide down by gravity, you may use a crowbar (naildrawer / assembly lever) to pull it out of the chassis. attach it between the foot of the screen and the chassis of the machine and pull the screen down



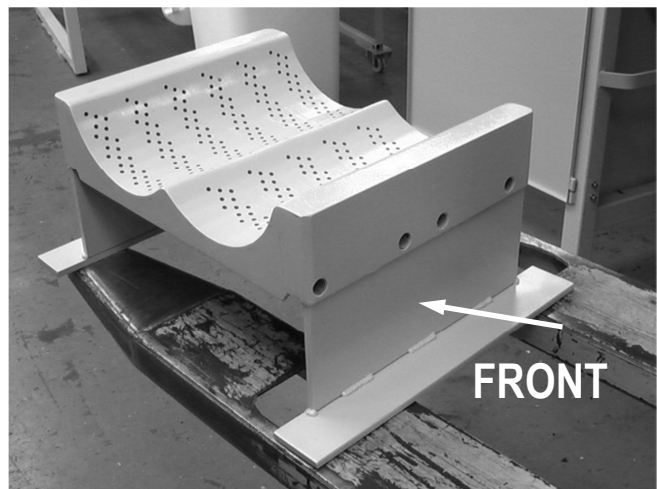
7. Once lowered draw out the screen from under the shredder and remove all magnetic parts from accessible areas underneath the cutting knives and from the screen surface with suitable tools like heavy duty pliers. Also unblock the screen holes with a suitably sized punch. Be careful not to damage the screen

The re-assembly of the screen after cleaning is to be done in reverse order.

Attention: please check the screen for the mark "FRONT" (see arrow on the picture to the left). This side must be installed towards the front side (door) of the machine. Attention: bring the platform with the screen up so that the platform is above the door switch and the guide bars of the collecting bin, but also ensure that the screen is low enough to match under the chassis.

Then carefully position the screen so that it matches with the opening of the cutting block and carefully lift it into the cutting block. Finally it will get in touch with the combs within the cutting block. **At the feet there will remain a gap towards the chassis, so do not try to lift the screen any further, else you will lift the complete machine.**

Then the holes in the cutting block should match with the treads in the screen so that you can assemble the 6 large allen head bolts at the front and rear side of the cutting block. First tighten the 6 bolts at the front carefully, then the 6 bolts at the rear.



Further instructions and pictures will follow later in this chapter.



Attention!
Position the screen correctly.
In case of doubt please contact a qualified engineer or do not operate the machine, as if positioned incorrectly serious damage may occur.

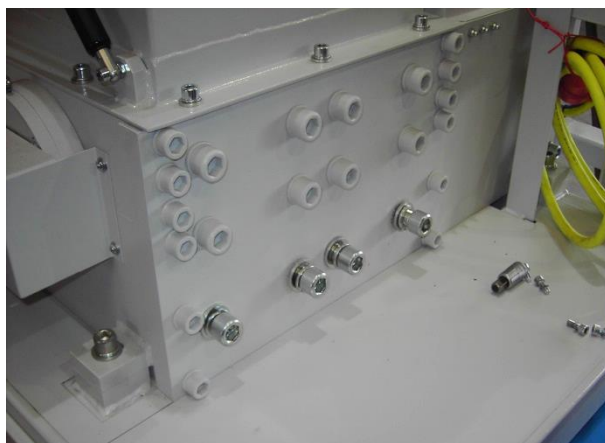
Please ensure that the screen is laying horizontally on the lifting table.



Move the lifting table with screen underneath the shredding unit and lift it up against block.



Tighten the screws on both sides of the cutting unit.



Remove the lifting table from the machine.



The M20 allen bolts (12x) must be re-tightened by using a fastening torque of 350 kN

