

EBE 350 E Disassemble procedure.

1. Make sure power supply is disconnected.
2. Disconnect main power supply cable.
3. Remove drive control box at the front off the machine (see figure A).

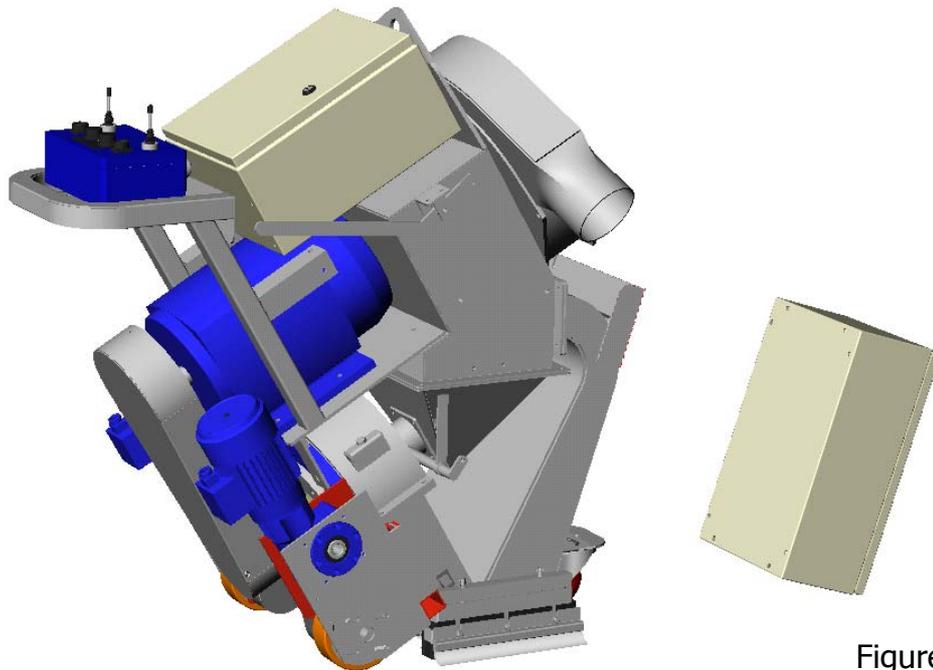


Figure A

4. Remove drive control panel (see figure B).

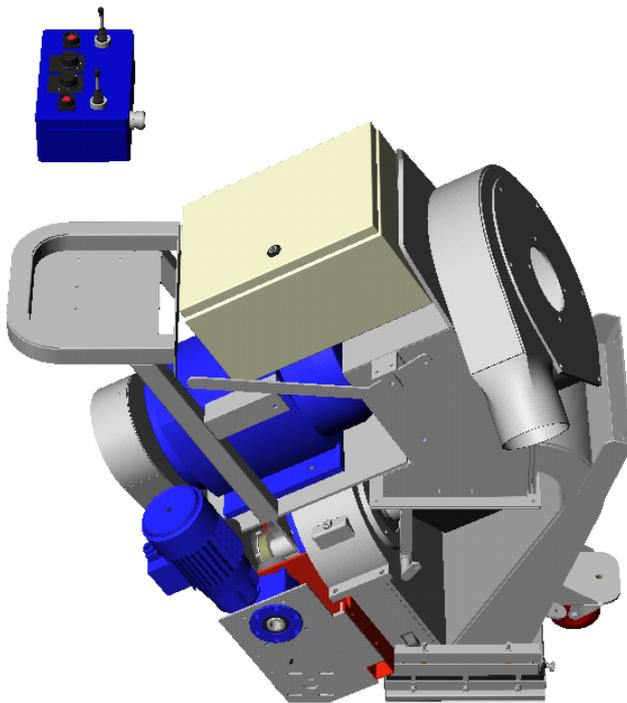


Figure B

5. Disconnect power supply cable to fan motor.
6. Remove fanhousing by taking off the 4 securing nuts (M12) inside the separator (see figure C).

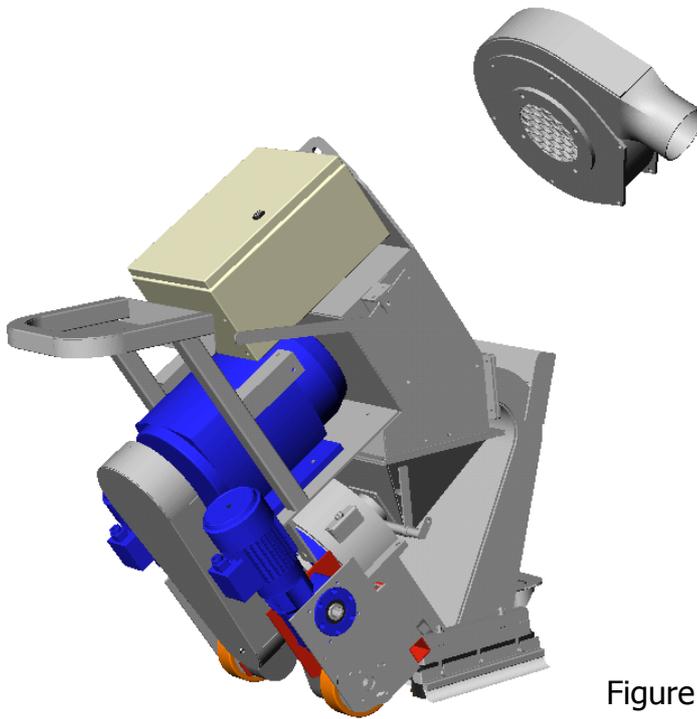


Figure C

7. Remove the 2 securing nuts (M8) from the main control panel inside the separator, and also the 2 on the angle bracket on the support handle. Move the box to one side to create better access to disconnect the power supply cable from blastmotor.
8. Disconnect power supply cable from blastmotor and remove the main control panel completely (see figure D).

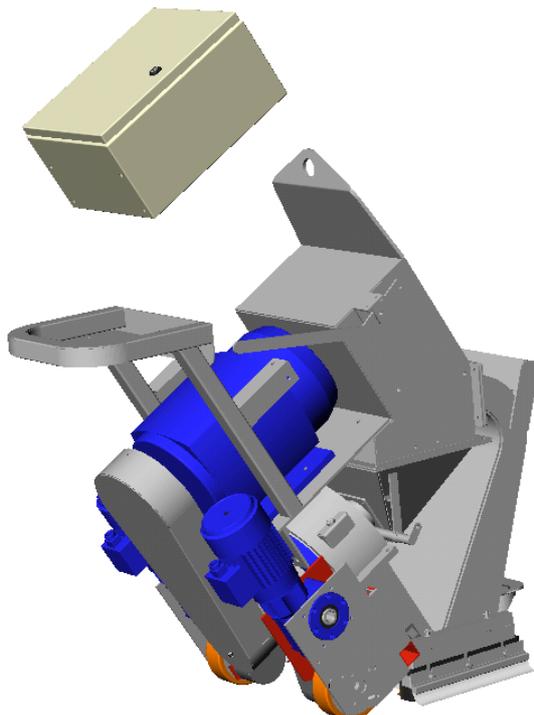


Figure D

9. Remove the turnbuckle pin between abrasive valve lever and abrasive valve control handle.
10. Remove the 4 (M8) bolts in the flange on the abrasive storage hopper and the separator, and remove the storage hopper (see figure E).

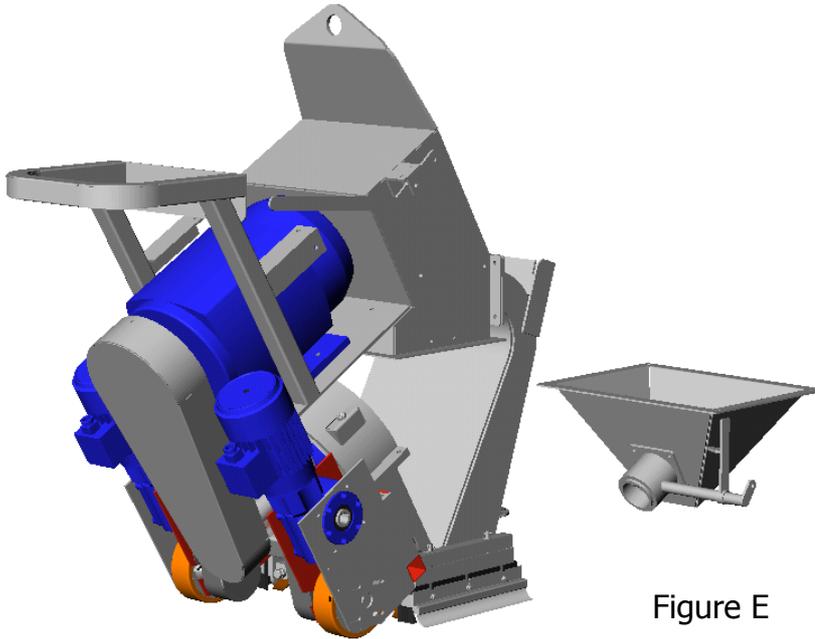


Figure E

11. Remove the beltguard cover by removing the 3 (M6) bolts in the side plate off the beltguard cover and 1 (M6) bolt is fitted in back plate (see figure F).

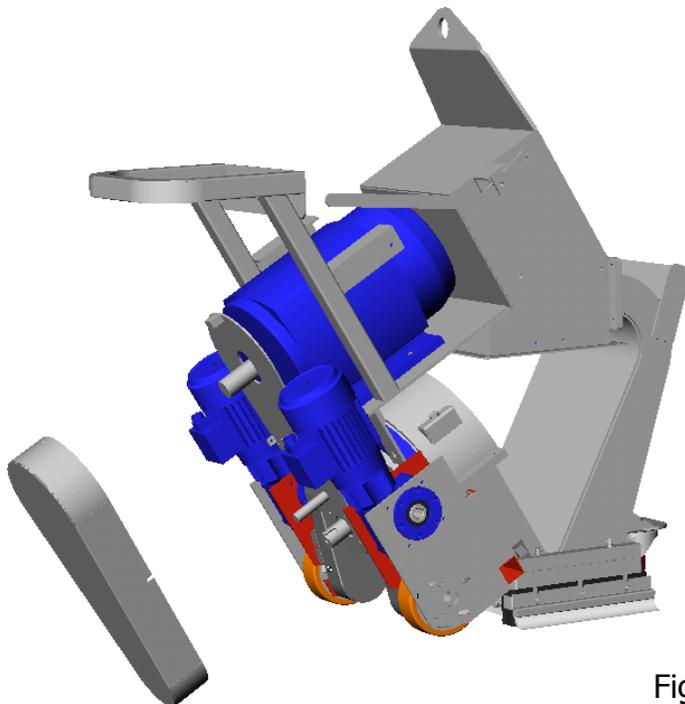


Figure F

12. Loosen the 2 (M8) bolts fitted in the front of the blastmotor mountplate on the separator, by doing this there will be slack on the blast motor belts so you can remove the belts.
13. Remove the 2 (M6) bolts from the bottom section of the belt guard back plate.
14. Remove the 2 bolts (M10) fitted on the angle underneath the blastmotor mount plate, and remove the 2 (M8) bolts at the front of the motor mount plate. Now you can remove the blastmotor including blastmotor mount plate and support handle (approx. 70 kg) (see figure G).

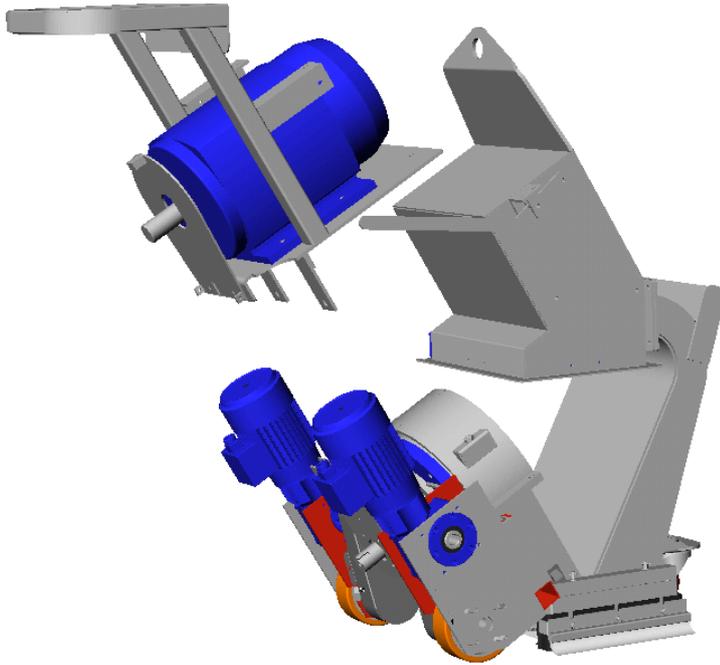


Figure G

15. Remove the separator by removing the 5 (M8) bolts in the reclaim and separator flange (see figure H).

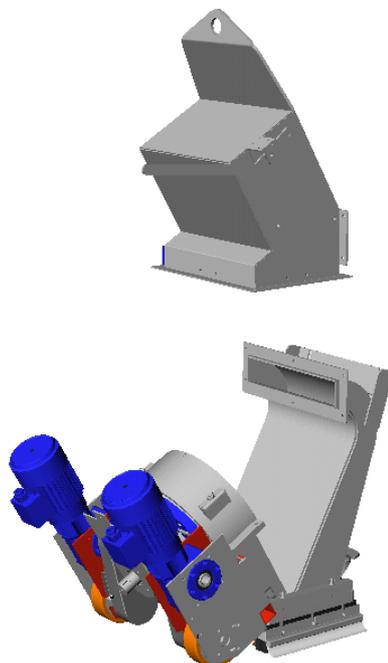
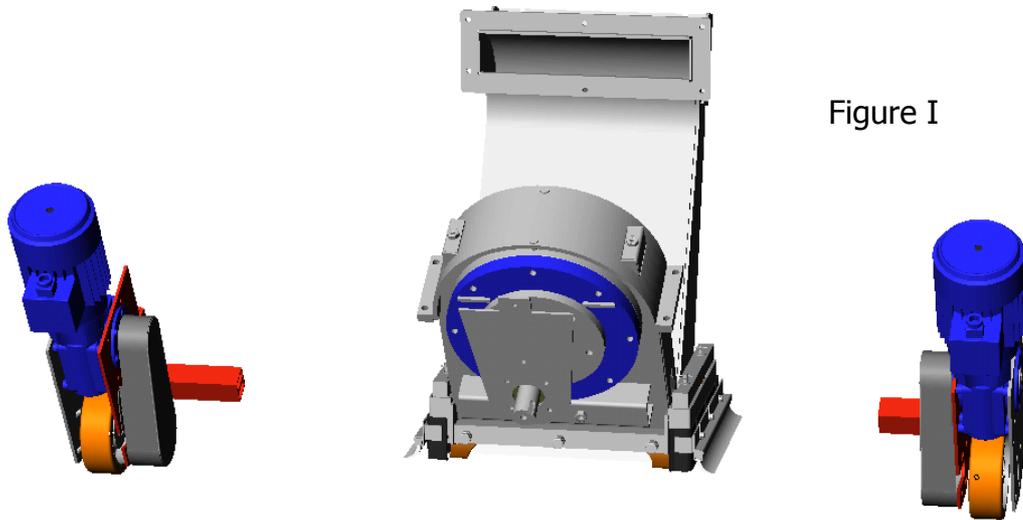


Figure H

16. Turn the machine forwards on the front section, now you can remove the drive wheel system by loosening the (M10) securing bolt in the angle bracket welded on the machine body (see figure I).



17. The machine will now fit through a 24"-man hole but because you did not remove the blast wheel group the machine is heavy.

18. Removing blast wheel group

- push machine on side
- remove cage
- remove impellor
- remove blades by using a drift (brass)
- remove the 8 (M10) securing bolts in the blastwheel bearing adaptor plate.

Building up the machine, do this program backwards.
