

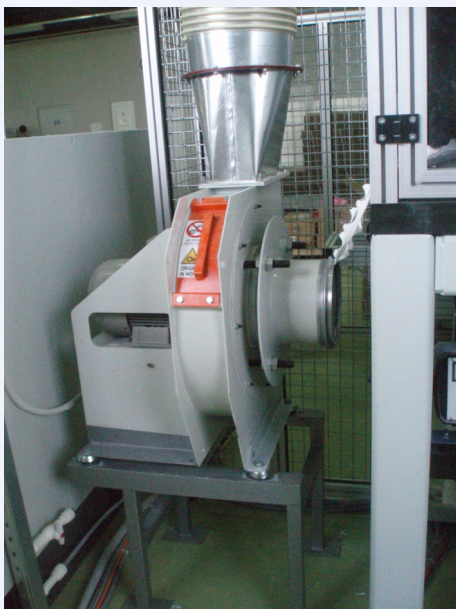


## **TEARING FAN MB36 – MB45**

The tearing fan MB36 and MB45 are machines designed to suck in and shred trims and waste materials from cotton, paper and cardboard production lines, as well as aluminium scraps and fabric rolls.

Available in two different sizes, they consist of a thick sheet metal structure that guarantees excellent robustness, a dynamically balanced internal impeller and equipped with Widia knives with a double cutting profile that ensure a high degree of shredding.

The suction nozzle is made with a toothed profile off-centre with respect to the axis of the fan and can be adjusted according to the material to be processed, thus allowing the size of the shredded waste and its degree of opening to be determined.





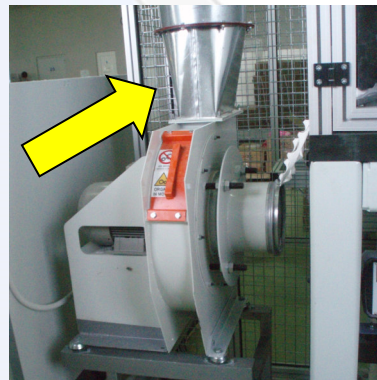
## TECHNICAL DATA

	<b>MB36</b>	<b>MB45</b>
<b>Air Capacity</b>	<i>1.200 m<sup>3</sup>/h</i>	<i>2.400 m<sup>3</sup>/h – 4.000 m<sup>3</sup>/h</i>
<b>Capacity – kg</b>	<i>From 0,1 to 0,6 kg/m<sup>3</sup>/h</i>	<i>From 0,1 to 0,6 kg/m<sup>3</sup>/h</i>
<b>Installed power</b>	<i>2,2 kW</i>	<i>4 – 7,5 kW</i>

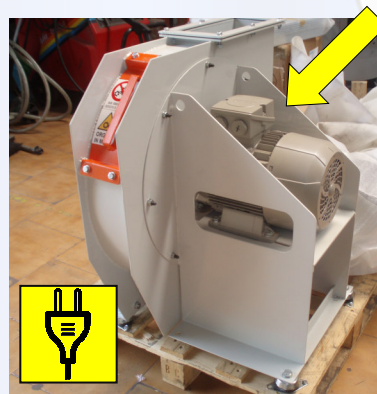


## INSTALLATION PROCEDURES

1 Connect the ducts to the fan



2 Supply the main electricity to the gear motor



3 Check the right direction of the rotation of the fan

**ATTENTION!** Wrong rotation of the impeller can damage the machine





## MAINTENANCE PROCEDURES

The supports and the fan engine blocks are supplied with the required grease quantity for withstanding the normal working conditions.

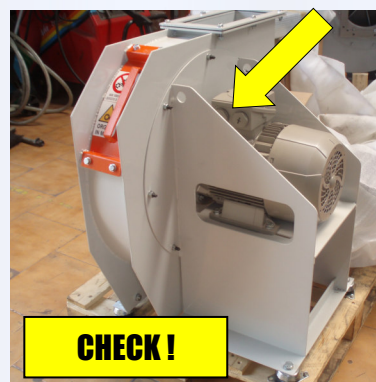
In the first working time period it may be possible that the bearings will warm up more than the expected.

- 1 In presence of vibrations and however, once every six months, it must be checked that no deposits are on the fan wings or in the space between the fan and the chassis.

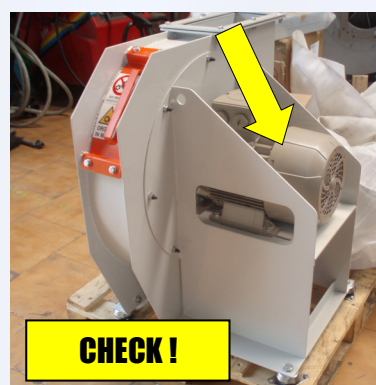
Any deposit shall be removed avoiding manoeuvres that may damage the balancing of the fan.

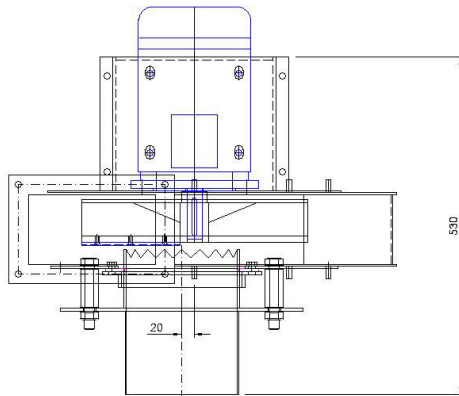
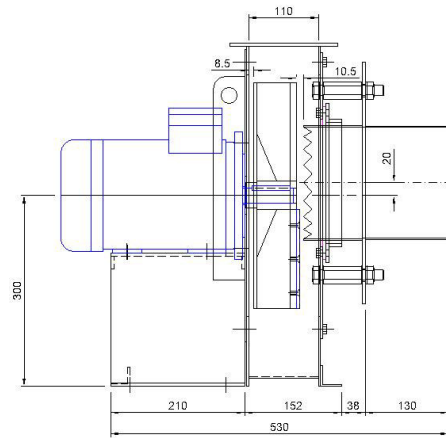
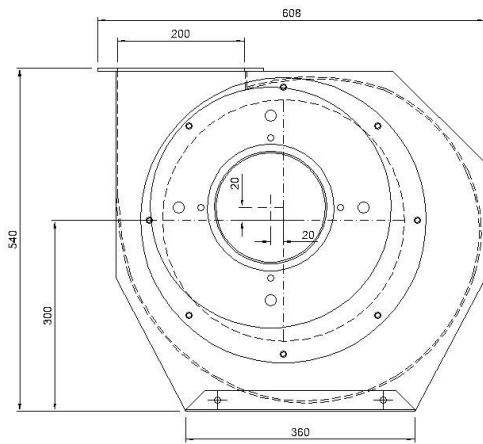



- 2 Once every year check and clean the bearings, remove consumed grease and clean with oil the bearings.

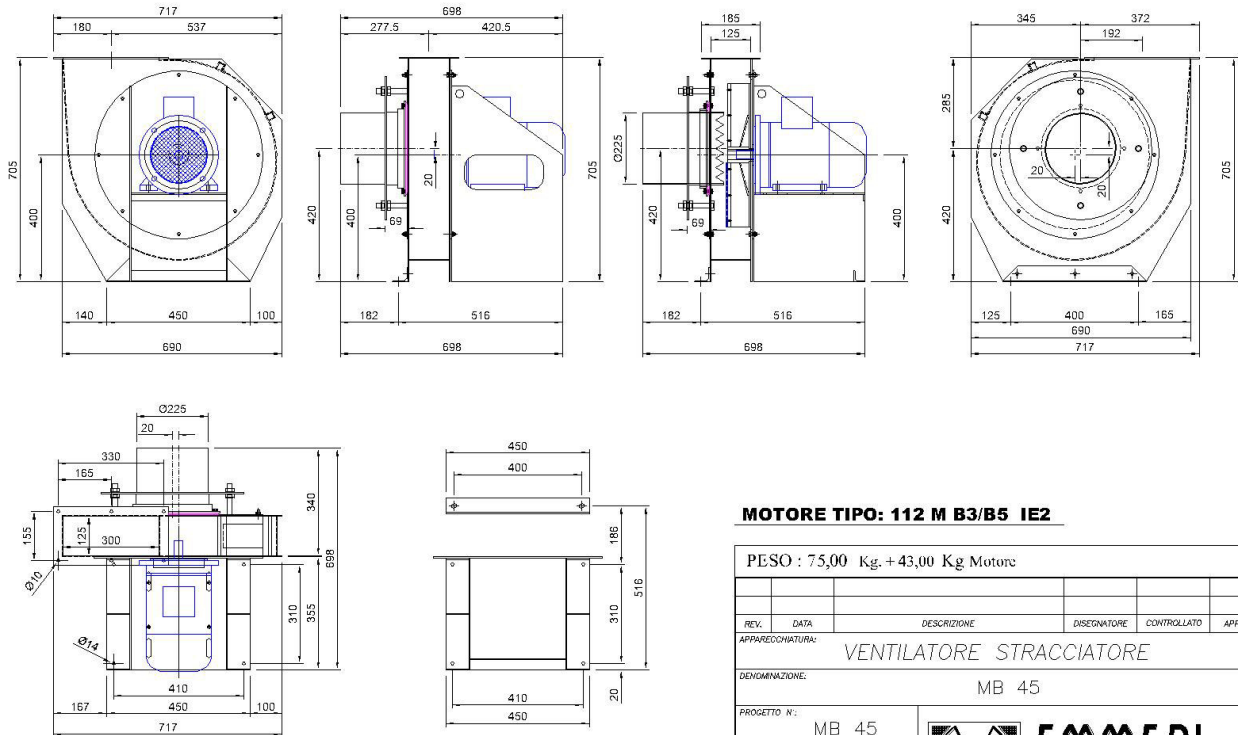


- 3 Check the noise of the bearing spheres or rollers, fill with a new quantity of grease.






PESO : ... Kg.					
REV.	DATA	DESCRIZIONE	DISEGNATORE	CONTROLLATO	APPROVATO
APPARECCHIATURA: VENTILATORE STRACCIATORE MB 36					
DENOMINAZIONE: - ASSIEME -					
PROGETTO N°:	MB 36				
SCALA	1:5	DATA	03/10/2014		
FILE DISEGNO N°:	MB_36.00				
MB	36.00	1			
Progetto	Disegn.	Stampa	Revisione		
 <b>EMMEBI</b> s.r.l. tecnologia - aerotessile Via Pagnotti 15 - Pessano con Barnago (MI) - ITALY			FILE NAME: MB_36.000		



**MOTORE TIPO: 112 M B3/B5 IE2**

PESO : 75,00 Kg. + 43,00 Kg Motore

REV.	DATA	DESCRIZIONE	DISEGNATORE	CONTROLLATO	APPROVATO
APPARECCHIATURA: VENTILATORE STRACCIATORE					
DENOMINAZIONE: MB 45					
PROGETTO N°: MB 45		 <b>EMMEBI</b> s.r.l. tecnologia - aerotessile Via Pucinotti 15 - Pessano con Bornago (MI) - ITALY <small>FILE NUMBER: 45.000</small>			
SCALA: 1:10	DATA: 14/10/2011				
FILE DISEGNO N°: MB 45.000					



## SPARE PARTS LIST

pos	ITEM	MB36	MB45
1	Motor 	n.1 2,2 kW	n.1 4 - 7,5 kW
2	Fan Wing 	n.1	n.1
3	Blades 	n.3 or 6	n.3 or 6