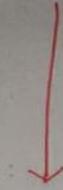


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① Metal chips in hollow netted cylinder



② Motor rotates the cylinder through shaft.



③ Pressurized air blown from up.

Only thing we have for calculation is mass of waste metal chips.

• Calculation

• Given
↳

amount of metal chips to be used = 5 Kg ~~200kg~~.

ONLY DATA I HAVE IS AMOUNT OF METAL CHIPS TO BE TAKEN= 5KGS

COMPONENTS:

1. NETTED CYLINDER
2. SHAFT
3. MOTOR
4. SUPPORTS
5. AIR SUPPLY
6. COLLECTION TANK
7. CHIP SUPPLY

HOW SHOULD I START CALCULATIONS FOR DESIGN?