



Cutting Rotor Type "A" Second Generation

Designed for tough or severe applications that require extra strength and robust cutting rotor HERBOLD offers this heavy-duty "A" type cutting rotor.



Fig. 1: Forging and machined "A" rotor



Fig. 2: Assembled "A" rotor

HERBOLD can optimally equip granulators with the "A" type cutting rotor. A design which has been revised and even further improved with the second generation design.

The characteristic features of the "A" rotor are:

- The rotor is manufactured from a solid one-piece forging not welded construction.

- Knife fastening is particularly robust: the rotor knives are placed with their complete surface against a back stop and therefore, even with high impact or shock will not shift, eliminating any chance of knife seat damage while under heavy loading.
- This rotor can also be modified and treated for abrasive applications or those with foreign bodies (tramp materials). Typical applications for these treatments: recycling of tires with steel content, refuse-derived fuels with abrasive components and e-waste with its varied components.
- The rotor has a high inertial mass and therefore a high pulling power.

The construction of the rotor knives ensures that the fly circle of the rotor will remain the same when the rotor knives are resharpened. A constant cutting circle provides constant output and reduces both fines and dust.

Typical applications of this cutting rotor are:

- Recycling of used tires to separate the metal content
- Thick-walled plates and pipes with unlimited wall thickness, also solid bars, big heavy lumps with weights of 100 kg or more
- Thick-walled plastic waste that is extremely difficult to size-reduce, e.g. PC, UHMW-PE, ABS and the like
- Refuse-derived fuel with foreign bodies

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