

DOUBLE CROSS SCISSORS CUT

All Neue Herbold granulators are delivered with a knife adjustment fixture which simplifies the rotor and stator knife adjustment and reduce the down time during knife replacements.



A precise and uniform rotor/stator knife cutting gap is important to ensure maximum through put rates from the granulator.

The correct cutting gap is dependent on the granulator size, rotor design and material application.

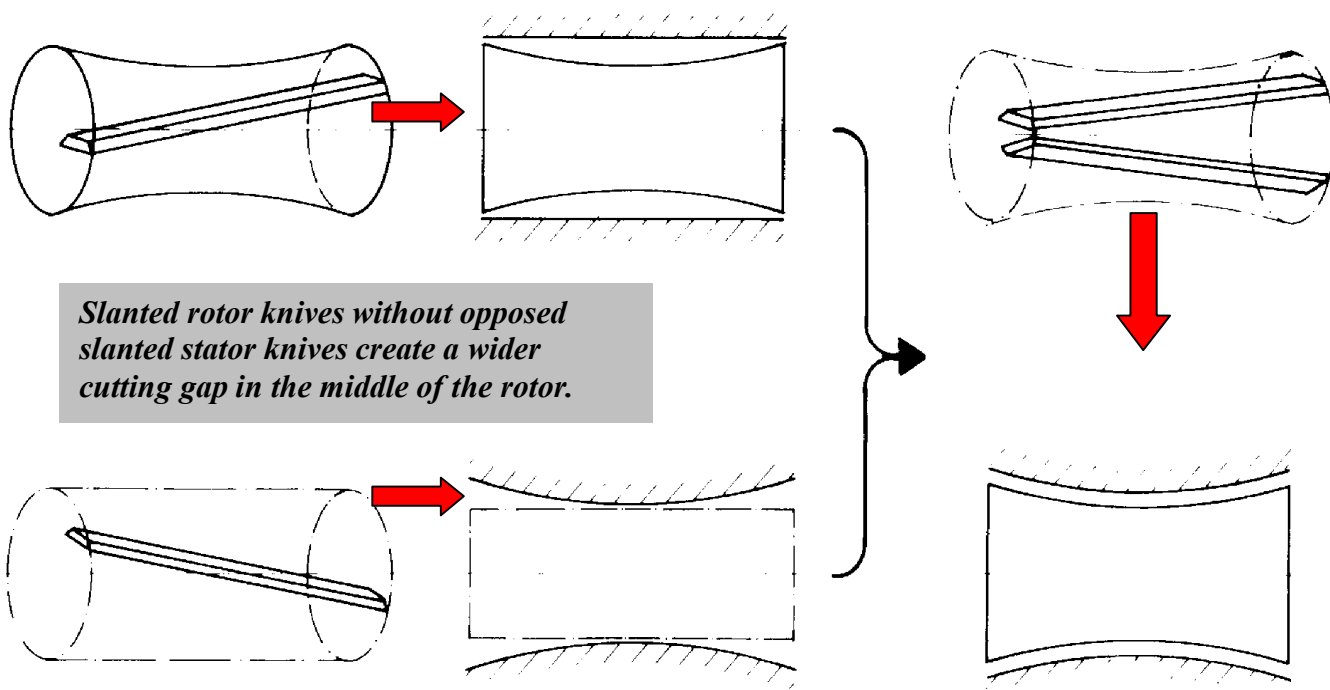
The cutting gap is defined as the distance between the cutting edge of the rotor knives and the stator knives.

The cutting gap is determined by the settings that are pre-calibrated which is determined through the knife adjustment performed in the knife setting fixture.



DOUBLE CROSS CUT ENSURES UNIFORM CUTTING GAP

Rotor



Slanted rotor knives without opposed slanted stator knives create a wider cutting gap in the middle of the rotor.

Stator

Slanted stator knives without opposed slanted rotor knives create a narrower cutting gap in the middle of the rotor.

Opposed slanted rotor and stator knives create a consistent cutting gap across the entire length of the rotor.