



The Neue Herbold Shredder Type HZR 1300 is especially designed for the effective pre-cutting of thick-walled, high impact pipe up to a maximum of 1200 mm diameter, 6 m in length as well as for start-up lumps.

HZR



HZR 1300/4



HZR 1300/2

In general the HZR is followed by a granulator for final size reduction of the material to a free flowing regrind.

The benefit of the new HZR Shredder together with a second step granulator compared with a single step solution is that it will reduce energy costs by between 20% - 50%.

Another advantage is the long lifetime of the tools. These two factors ensure that the HZR 1300 Shredder delivers very good cost efficiency together with quality of build.

PIPE SHREDDER



Example:
thick-walled PE pipe

Technical Data

Shredder	1300/2	1300/4
Working width approx.	1300 mm	1300 mm
Shaft diameter approx.	370 mm	370 mm
No. of shredder shafts	2	4
No. of blades	30 / 60	30 / 60
No. of stator blades	1	1
Drive	2 x 30 kW	4 x 30 kW
Feed trough		
Cross section	650 x 1300 mm	1300 x 1350 mm
Length max.	6500 mm	6500 mm
Drive feed station	5,5 kW	5,5 kW
Hydraulics	4 kW	4 kW

Capacity

Depending on the impact resistance and the wall thickness of the pipe as well as on the screen hole size. The capacity can reach up to 3 t/h with cutting tools in good working condition.

Feeding

The pipes are laterally fed into the feed trough which is positioned in front of the shredder. The material is then automatically pushed towards the shredder shafts with a "load-control" system (a ram driven by a geared motor via a steel cable).

Housing

Solid welded steel construction, annealed and manufactured with a machined finish, equipped with external supports for bearings, drives, gears and couplings.

Cutting tools

Profiled rotor shafts, V-shaped supports for the blades. Blades can be used on 2 sides, toothed stator blade.

Controls

Siemens SIMATIC S7 touch-screen panel



HZR 1300/2



HZR 1300/4

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