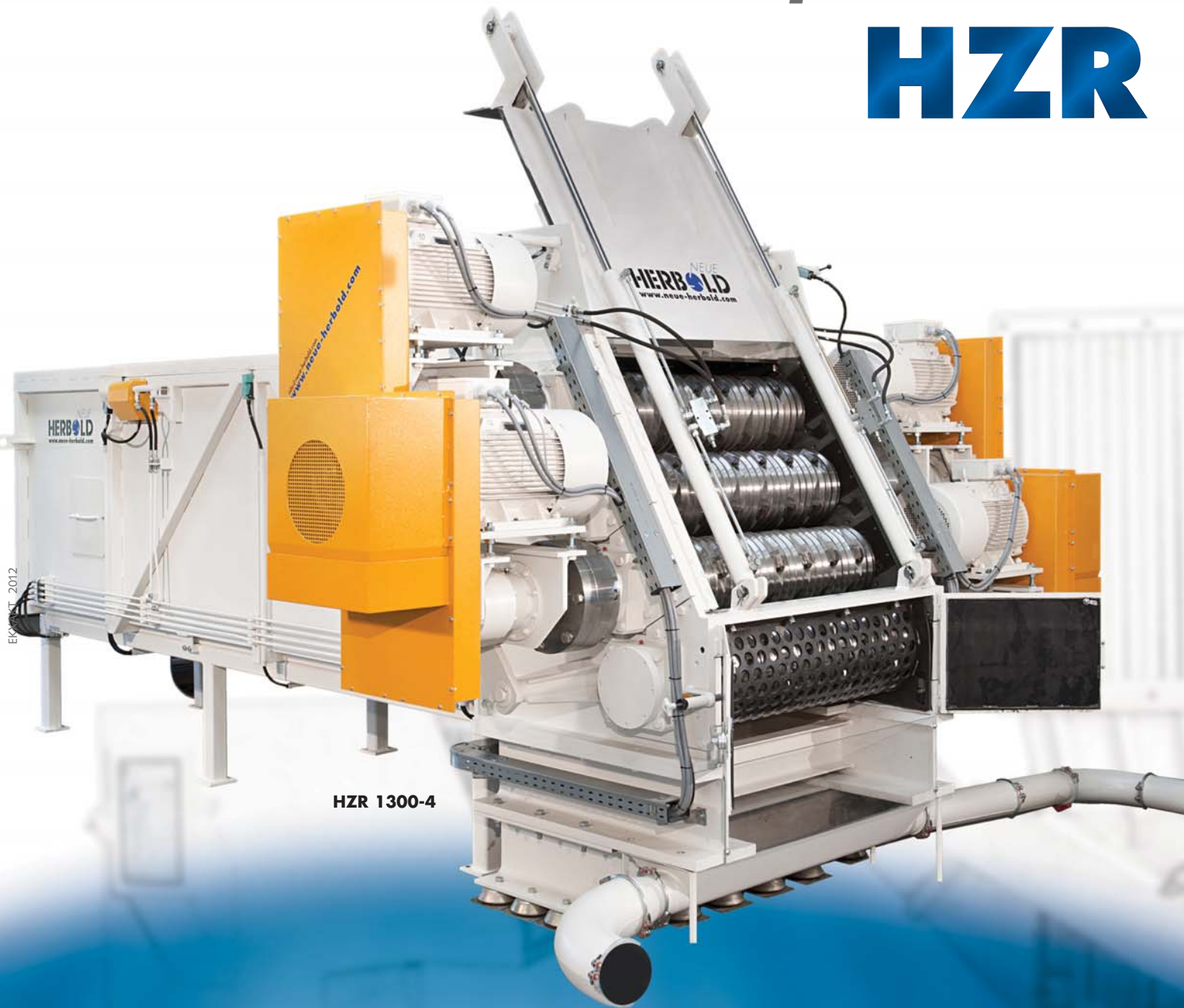


NEUE  
**HERBOLD**  
*Pipe Shredder*  
**HZR**



HZR 1300-4

The Neue Herbold Shredder Type HZR 1300/4 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.

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 1300/4 Shredder delivers very good cost efficiency together with quality of build.



## Pipe Shredder

### Technical Data

#### Shredder

Working width	approx. 1300 mm
Shaft diameter approx.	approx. 370 mm
No. of shredder shafts	4
No. of blades	30 / 60
No. of stator blades	1
Drive	4 x 30 kW

#### Feed trough

Cross section	1300 x 1350 mm
Length	6500 mm
Drive feed station	5,5 kW
Hydraulics	4 kW

**Example:**  
thick-walled PE pipe



### 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

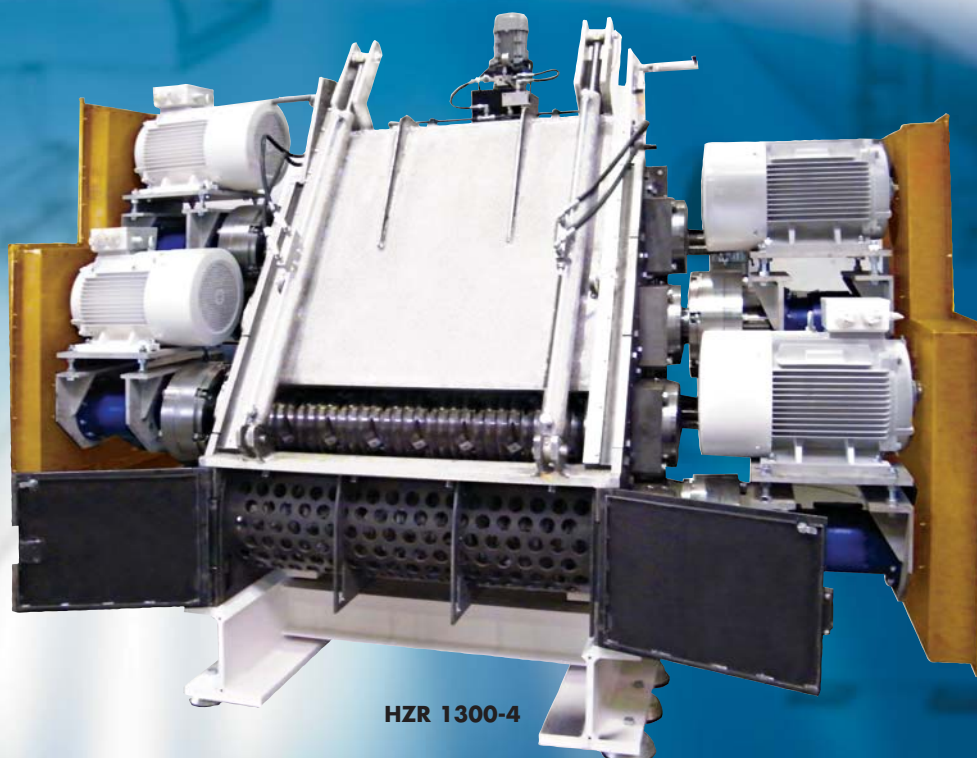
Solid welded steel construction, annealed and manufactured with a machined finish, equipped with external supports for bearings, drives, gears and couplings.

### 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 1300-4