amis
RECYCLING TECHNOLOGY

GSP

PIPE AND PROFILE CUTTING MILL

GSP-SERIES

Conventional granulators face considerable problems when shredding long pipes and profiles. Pits or platforms are therefore often required to enable the long parts to be fed. Our solution for this problem is the GSP series.

Different rotor variants are available depending on the task and pipe cross-section or diameter.

The machines in the GSP series have rotor diameters of 560, 600 and 700 mm and working widths of 500 to 1400 mm.

Through the inclined machine housing in heavy-duty welded steel construction, pipes and profiles up to 6 m length, can be shredded without having to pre-saw them. The long parts are conveniently fed via the the inclined feed hopper. The rotor, with V-cut technology, automatically pulls the parts without the risk of blockages. If the cutting chamber is overfilled no further material is accepted by the rotor.

SCAN ME!

Replaceable wear plates in the upper and lower housing section
Time-consuming overhaul work on the cutting chamber is eliminated thanks to replaceable wear plates in the cutting chamber.

The cutting chamber
The cutting chamber can be opened by means of a motorized hydraulic system. The open upper part of the machine, including hopper, guarantees optimum accessibility for maintenance and cleaning work.

Massive cover plates
The threads of the knife mounting screws are located exclusively in the cover plates and not in the rotor itself.

Rotor with V-cut technology
Each rotor knife row consists of 2 or 4 knives arranged in a V-shape. This arrangement conveys the material to the center of the rotor, preventing wear and material sticking to the side walls.

Rotor lock
The rotor locking ensures safe working on the machine, especially when changing knives. A safety limit switch prevents the machine from starting accidentally.

Robust, external bearing
The GSP series has rotor bearings seperated from the grinding chamber. This prevents regrind or fines from entering the bearing.

Knife setting jig for rotor and stator knives
Adjustment of both the rotor and stator knives is carried out outside the machine in a knife setting jig included in the scope of delivery.

The stator knives can be rotated thanks to 2 cutting edges
The two stator knives have 2 cutting edges, which doubles their service life before resharpening.

Hydraulic
The machine top including hopper and screen basket can be opened by means of a motorised hydraulic system. The GSP models 560/1000 and 700/1400 also have a hydraulic screen basket.

Safety limit switch with time delay
All our machines comply with the applicable CE safety regulations.

Hydraulics control panel
The opening and closing of the hopper as well as the screen basket takes place through a separate control panel with 2-hand operation.

GSP-SERIES

GSP	600/500	560/700	560/1000	700/1400
Rotor knife (rows)	5	5 / 7	5 / 7	5 / 7
Stator knife (rows)	2	2	2	2
Rotor Ø (mm)	600	560	560	700
Rotor width (mm)	500	700	1000	1400
Cutting chamber opening (mm) x (mm)	440 x 530	290 x 740	290 x 1010	320 x 1440
Drive (kW)	45	55	75	90
Opening in top part of machine with hopper	1	1	1	1
Screen basket opening	2	2	1	1

1 = motorized hydraulics · 2 = hand lever

OUR SERVICES

We offer comprehensive spare parts, repair and maintenance service.

SERVICE
Our qualified specialists draw upon many years of experience in handling various types of machines. We repair and maintain machines from all major manufacturers.

SPARE PARTS, REPAIR AND MAINTENANCE
AMIS supplies spare parts and wearing parts for all makes and offers overhaul, repair and maintenance work, if possible even on site.

OPTIMIZATION
Customer specific adaptations include, for example, special hoppers, zig-zag separators, roll feeders, noise protection housing, forced feeding via force feeding screws and much more.

TECHNICAL CENTER
Our in-house test center enables you to experience the quality of our machines and accurately simulate your process requirements.

WE PURCHASE YOUR MACHINE
We buy used granulators, pulverizers and shredders by all common manufacturers.

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