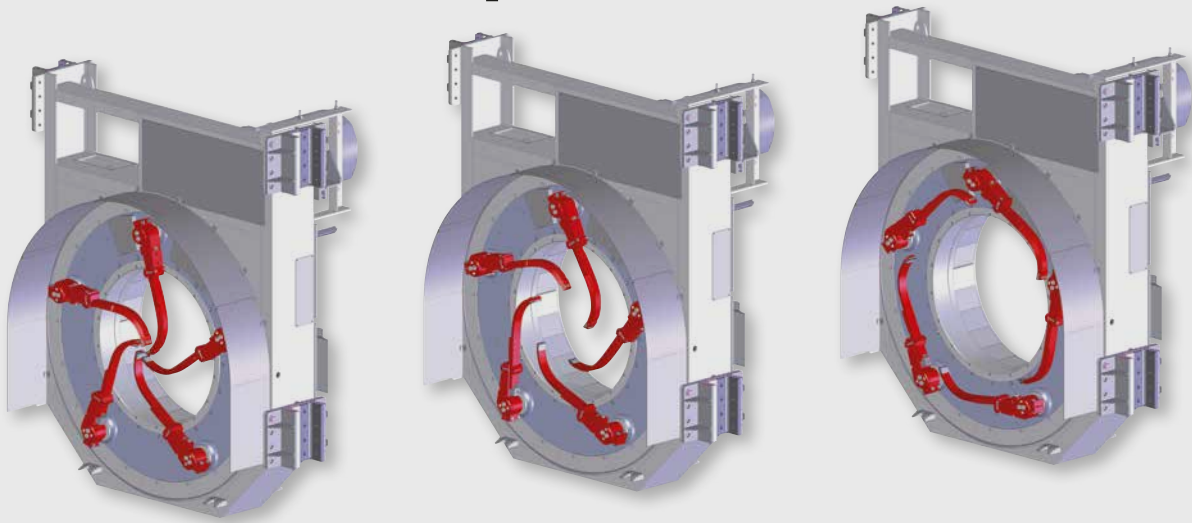




Rotor debarking machines ZE 905 and ZE 1105 „variopress“



 made
in
Germany



Pressure adjustable blades improve debarking results

Hydraulic execution of all functions

Many options for adjustments during operation, e.g. via radio

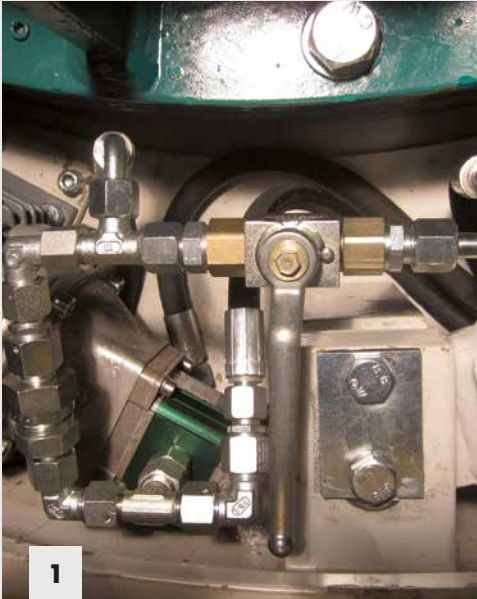


Fig. 1:
An autonomous hydraulic unit is located inside the rotor, for adjusting the blades. Driven by an electric motor, a hydraulic pump produces the pressure required in order to adjust the blades.

Fig. 2:
Slip rings supply the unit.

Fig. 3:
A directional control valve controls the five cylinders of the blade arms, open and close. Five integrated diaphragm accumulators collect the quantity of equalisation oil for the differential cylinders. The pump draws the oil (with a rotational movement of the entire rotor) from an air-free bladder tank.



Advantages of the patented „variopress“ system

- Pressure adjustment of the blades during operation (e.g. via radio)
- Opening/closing the blades during operation (e.g. via radio)
- Opening/closing the blades for model transport
- Opening/closing in case of malfunctions
- Improved debarking results due to pressure adjustment of the blades (e.g. summer/winter operation)
- The system operates without compressed air, i.e. all functions are performed hydraulically.

ZE 905 and ZE 1105 can be optionally equipped with „variopress“.



Baljer & Zembrod GmbH & Co. KG

Max-Planck-Straße 8
88361 Altshausen
Germany
Phone +49 (0) 7584 295-0
Fax +49 (0) 7584 295-45
mail@bz.ag
www.bz.ag