

Rozdrabniacz ZENO ZTLL 1400 x 1600

Specyfikacja techniczna

Rok produkcji:	2010, renowacja w 2015	Moc:	45 kW
Szerokość wału:	1385 mm	Prędkość obrotowa wału:	ok 105 rpm.
Średnica wału:	380 mm	Waga:	5,4 t
Ilość noży:	52 szt	Sterowanie	Siemens S7 300
Cena orientacyjna:	ok. 49 500 EUR		

This ZENO waste disintegrator of type ZTLL is a single-shaft shredder equipped with hydraulic pusher for material feeding and with automated idle speed shutdown. A permanent throughput rate is reached by load-dependent infeed. This machine suitable for shredding of old growth, flake boards, fibre boards, paper, cardboard, plastics, rubber, composite materials, foam, waste etc. is provided with a rotor assembled with 52 units of concave reversible blades of 40 x 40 x 20 mm.

The machine has been rebuilt in 2015. Following steps of overhauling have been done indicating all parts having been overhauled, repaired or renewed:

1) Frame

- a) Shredder dismantled completely to bottom frame, cleaned, derusted and lacquered new.
- b) Lateral abrasions (washouts) at frame, in rotor circle area welded new and ground afterwards on both sides.
 - c) 3 units of counter blades rebuilt.
- d) Lateral guiding rails for pusher, cleaned, deburred and rotated to 180°.
- e) Pusher dismantled, derusted and laquered, 4 units of guiding rails renewed.

2) Rotor

- a) 52 units of cutting plates of 40 x 40 x 20 mm including screws renewed.
- b) 4 units of countersink blades of 49 x 49 x 30 mm including screws replaced.
 - c) 5 units of tool holder including screws renewed.
- d) 2 units of floating bearing for rotor shaft replaced.
- e) 1 unit of clamping set for rotor shaft renewed.
 - f) 2 units of cover ring for rotor replaced.
- g) Pipe assembled and aligned, blade gap adjusted.

3) Hydraulic system

- a) Hydraulic system dismantled, oil drained off, tank cleaned, oil filter renewed and filled with new hydraulic oil.
- b) Hydraulic cylinders for pusher dismantled, cleaned and laquered new after being equipped with new seal kits.
 - c) All hydraulic hoses and pipes replaced.

4) Gear

- a) Bearing clearance checked, simmerring verified for impermeability, belt pulley checked for damages, housing cleaned, oil drained off and washed with new gear oil, filled new and lacquered.

5) Driving motor

- a) Internal resistance measured, bearing clearance checked, belt pulley checked for damages, housing cleaned and lacquered new.
- b) 4 units of toothed drive belt for main motor renewed and tightened.

The shredder has been placed into operation and tested after having been overhauled at our working hall.





Zdjęcia poglądowe

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