



Grey, wide free passage for industrial water lifting

water solutions

Situation

Haeusler is a leading Swiss manufacturer of metalworking systems for industrial and civil use.

Their huge, sophisticated machines can make pipes of up to 4 metres in diameter, 20 centimetres thick and 20 metres long.

During metalworking, a robot cuts and welds the metal and then uses powerful jets of water to remove the residues.

The process wastewater, full of slag and pollutants, must be recovered and disposed of. We were asked to solve the problem of lifting the process water from the welding and metal washing processes.

The electric pumps used will be an integral part of the machinery they sell.

The customer required electric pumps with a large free passage to prevent clogging by welding residues and, importantly, with high reliability.

Solution

Together with our German distributor TMP Pumpentechnik, our technicians selected the best model for the customer's needs.

DR Grey with channel impeller and wide free passage were chosen using the Zeno application. They are ideal for lifting industrial process water containing solids.

Benefits

The Grey series is based on completely redesigned hydraulics and motors to guarantee high performance, low consumption and outstanding versatility.

Haeusler's customer will count on excellent metalworking capabilities and on the reliability and efficiency of Grey electric pumps.



Processing phases



An example of pipes produced by Haeusler machines



The Grey series range

Customer	TMP Pumpentechnik GmbH				
Company Profile	Zenit Group distributor for Germany				
Location	Laufenburg	Country	Germany	Area	Europe
Application	Process water lifting				
Installed Products	DRG 2000/2/80				
Date	2019				