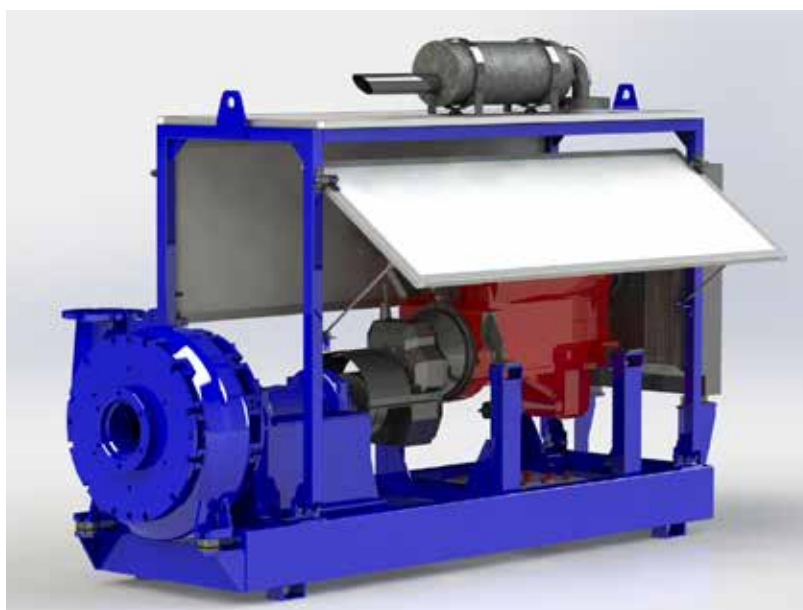




Italdraghe has specialized in the manufacturing of booster stations that are used as a complementary equipment to significantly improve dredger productivity. For instance, the booster station allows the material to be pumped over long pumping distances reaching the discharge point.



VERSATILITY

Italdraghe differentiates from other players in the market for its flexibility given by custom made products designed in order to satisfy specific customer needs.

QUALITY

Italdraghe masters the production of high-quality products thanks to a deep know-how and expertise of the dredging industry developed over a more than 60 years' experience in the sector.

EFFICIENCY

Thanks to its exceptional pumping rate, low maintenance costs and low cost per cubic meter, Italdraghe can offer its clients highly efficient products.

DREDGING PUMP

Dredge pump driven via combined pump block / reduction gear	
Capacity slurry	900 m ³ /h
Pumping distance	1500 m
Impeller speed	1100 rpm
Suction diameter	200 mm
Discharge diameter	200 mm
Spherical passage	100 mm
Impeller size	565 mm
Power at shaft	185 kW
Total head	60 m
All wear pump components hardness	600-650 HB

ENGINE

Diesel engine cooled by radiator	
Power	210 kW @ 2.200 rpm
Electric starting	24 Volt
N° of cylinder	6
Displacement	6,7 liters

REDUCTION GEAR

Nominal power	400 kW
Lubrication by means of pump with heat exchanger	
Elastic coupling joint between engine and clutch	
Overlapping parallel axes, gears in oil bath	

BASE AND HOUSING

Metal base with metal sheet casing	
Sliding type supporting the engine, reduction gear and booster pump	
Booster pump with adjustable speed drive	

MAIN CHARACTERISTICS

- Available in multiple models according to the pump installed on the dredger
- Available custom made for applications in multiple fields
- Easy transportation
- Built in the shape of a container with doors on the sides for maintenance
- Possible remote control system from the dredger
- Spare parts available from stock
- Vacuum and discharge measurement of dredge pump
- Dredging pump available with standard and mechanical seal
- Soundproof canopy



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