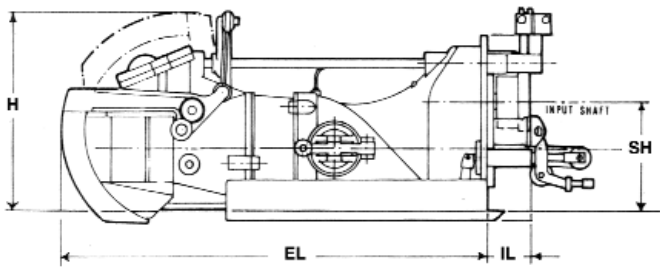


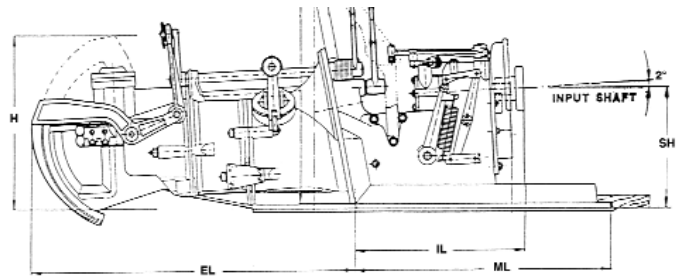
# Castoldijet drive systems

CASTOLDI water jet drive systems are manufactured in Italy by a large family-run company in a modern factory equipped with the latest computer-controlled machinery that also produces advanced agricultural equipment, welding and generating sets, and garden and agricultural tractors of modern design.

The CASTOLDI design of water-jet propulsion unit is unique in having the drive taken through a pair of gears that can be changed to match the units to a wide variety of gasoline and diesel engines from 30 to 1500 h.p. running at speeds from 1000 to 6000 r.p.m. This gear train also incorporates a dog-clutch that can be used to disconnect the engine from the jet to allow it to be run on no load, and without producing any disturbance of the water.



Types 238 & 337

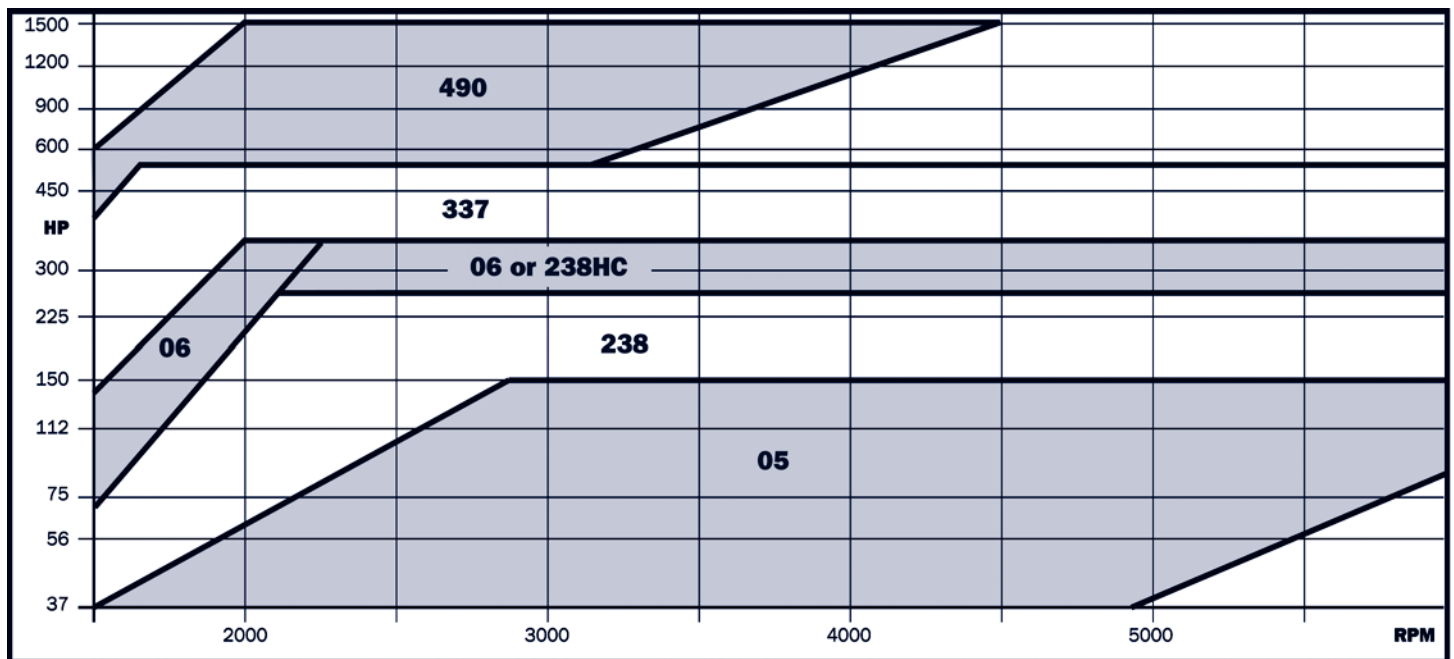


Types 05, 238HC, 282 & 490

## Table of dimensions

MODEL	05	238	238HC	282	337	490	UNITS
EL	780	1082	893	1200	1520	1524	mm
H	410	525	433	650	744	904	mm
IL	405	107	358	490	152	930	mm
ML	620	0	358	716	0	960	mm
SH	287	272	296	378	383	583	mm
TA	11.5	0	12	11.5	0	12	degrees
Weight	75	103	110	196	400	850	Kg
Water Content	17	25	24	65	100	335	Kg

## Model selection chart



## General characteristics

- Twin steering deflectors
- Hydrodynamic reverse deflector allows infinite control of thrust from full ahead to full astern
- Remotely controlled moveable intake screen allows easy removal of debris
- Specially designed steering, forward/reverse and speed controls are included with all models
- Special controls are available for twin and triple engine configurations
- High quality corrosion protection is provided by anodising aluminium components, the use of a baked-on paint finish and extensive use of zinc anodes for cathodic protection
- No gearbox or clutch required on the engine
- Built-in water supply for engine cooling on 05 and 238
- Simple installation with U/J or C.V. driveline, and special close coupling kits on some 05 and 238HC applications
- No underwater appendages
- Highly efficient at speeds from 20 to 50 knots