

# HAIGH HVL150 MACERATOR

HVL150 – Designed for Shipboard Conditioning of Sewage and Waste Water



**HVL 150 Marine Specification Macerator**

**Build number: 900-052225**

## Machine Specifications:

<b>Body:</b>	High-grade cast iron of ample wall thickness throughout.
<b>Flanges:</b>	DIN standard, or otherwise as required.
<b>Motor:</b>	Totally enclosed fan-cooled squirrel-cage induction type as standard; others to specification.
<b>Bearings:</b>	Heavy-duty.
<b>Bearings protection:</b>	Seal-failure bleed-off.
<b>Lubrication:</b>	Lifetime-sealed.
<b>Seals:</b>	Dual-purpose vacuum/pressure mechanical type.
<b>Seal protection:</b>	Provision for seal-flush by gravity or pump feed.
<b>Shaft:</b>	High tensile nickel-steel.
<b>Cutter-ring:</b>	Abrasion and corrosion-resistant cast nickel-alloy. Minimum hardness 600 Brinell.
<b>Impeller:</b>	Corrosion-resistant stainless-steel reinforced with replacement hard metal inserts.
<b>Rotation direction:</b>	Fully reversible.
<b>De-jam:</b>	Bar release gear permitting external jam-release.
<b>Mechanical installation:</b>	Horizontal or vertical.

## Motor Specifications:

<b>Frame Detail:</b>	112M.
<b>Body:</b>	Cast Iron Frame Type
<b>KW:</b>	2.20
<b>Voltage:</b>	415/3/50
<b>RPM:</b>	1440
<b>Enclosure:</b>	TEFC
<b>Insulation:</b>	Class F
<b>Mounting:</b>	Foot and Flange
<b>Rating:</b>	IP55
<b>Temperature:</b>	Unrestricted use to 45deg. C

