TYPE:

HURACAN

HORIZONTAL TRIPLE-BODY CENTRIFUGAL PUMP IN ANTI-ABRASIVE SUPERALLOY

SECTORS

MINING
AGGREGATES
SOIL WASHING
INDUSTRIAL

MADE IN ITALY

HPT
HIGH PRESSURE
TECHNOLOGY
21 BAR

FIELDS OF APPLICATION:

A horizontal axis pump mainly used to feed filter presses in the mining and aggregates sectors, also finding its way into other industries. It is a triple-body pump capable of reaching a maximum closed pressure of 20-21 bar and a maximum flow rate range of up to 4000 l/min.
Impeller, body and wear flange are made of super hard cast iron to withstand the maximum possible abrasion.
It is equipped with tungsten carbide or silicon carbon mechanical seals flushed with clean water and oil-bath bearings.
HURACAN pumps can be supplied with single or double speed motors and with standard coupling by means of belts and pulleys.

TECHNICAL FEATURES

AXIS: with oil-bath lubricated bearings.
MATCHING: by means of belts and trapezoidal pulleys with protective casing.
BODY: n° 3 in chrome cast iron with vertical delivery.
SEALS: n°3 in dynamically balanced open-type anti-abrasive super alloy with hardness of approximately 750-800HB.
BASE: steel frame to support the pump on the floor.

STANDARD EQUIPMENT
- Oil temperature probe
- Flow kit with flow switch

OPTIONAL
- Pressure switch
- Bearing cooling
- Closed circuit flushing kit
- Control panel with inverter and integrated software available
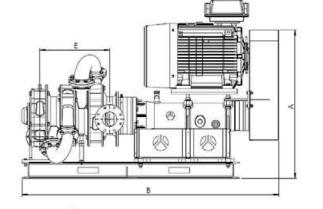

OPERATING CHARACTERISTICS

PUMPS	MAX FLOW RATE		MAX PRESSURE		PIPES		MOTOR (4P)
	m³/h	l/1'	m/H$_2$o	bar*	DN Int.	DN Out.	[Kw]
HRC550-3H	70	1160	158	21	100	80	45-55-75
HRC650-3H	120	2000	150	21	125	100	55-75-90
HRC1050-3H	250	4150	150	21	200	150	110-132-160

*Sludge pressure at density 1.4 kg/dm3

DIMENSIONAL

PUMPS	SIZE [mm]								WEIGHT [kg]
	A	B	C	D	E	F	G	H	
HRC 550-3H	1227	1740	356	469.5	882	551	785	360	1430
HRC650-3H	1227	2210	332	621.5	598.5	510	960	360	2180
HRC1050-3H	1665	2815	515.5	672	901	760	1000	515	4000

Indicative dimensions and weights

ALFA POMPE
ITALIAN PUMPS FOR HEAVY DUTY SOLUTION

DIMENSIONAL DRAWING