

INDUSTRIAL DIVISION

CENTRIFUGAL EXTRACTORS
HERCULES SERIES



GRUPPO

PIERALISI

CENTRIFUGAL EXTRACTORS "HERCULES" SERIES

Our *HERCULES* series centrifugal extractors are equipped with:

- Patented sludge scraper for continuous discharge of dewatered sludge from the solids discharge chamber
- Special wear-proof protection on peripheral screw area
- Electronic safety device for overload protection, with optional visual or acoustic alarm signals
- Hard-metal protection bushes on solids discharge holes
- Electronic revolution counter, as standard equipment



Electronic control boxes for centralised lubrication of bowl bearings and sludge scraper.

ALL PARTS IN CONTACT WITH THE PRODUCT ARE IN STAINLESS STEEL

PARTICULAR FEATURES

- **New ARD SYSTEM** generating a dewatered product with a much higher solid content.
- New suspension system that eliminates all vibration during operations.

- New-generation casing with illuminated inspection panel, to protect moving internal parts.
- Gradual start-up for greater energy savings.
- Centralised lubrication with required grease and oils.
- Safety device for vibration control.



HERCULES 470/2

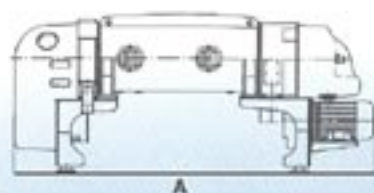


HERCULES 470/3

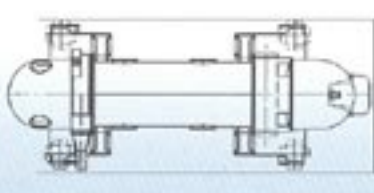


HERCULES 470/4

Models	Main motor power kW	Drum revolution max rpm	Centrifugal force max x g	Slenderness ratio L/D	Drum diameter mm	Hydraulic capacity l/h
HERCULES 470/2	45	3,350	2,950	3.38	470	35,000
HERCULES 470/3	52	3,350	2,950	4.25	470	45,000
HERCULES 470/4	52	3,350	2,950	5.12	470	55,000



A



B



C

Models	Total length A mm	Total width B mm	Total height C mm
470/2	3,300	1,635	1,720
470/3	3,920	1,635	1,720
470/4	4,330	1,635	1,720

The company reserves the right to modify the machines for improvements at any time.

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