EXTRACTION





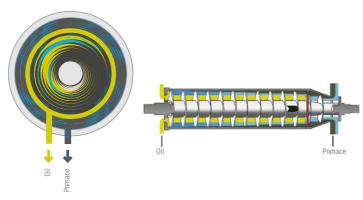
EXTRACTION SYSTEMS

PERFORMANCE BENEFITS

TWO-PHASE TECHNOLOGY

With the two-phase separation process, the centrifuge extractor generates one liquid outlet flow only, primarily composed of oil, and one "solid" outlet flow, containing pomace and water.

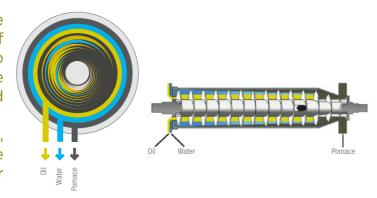
This type of extraction allows the use of the process water to be reduced or even eliminated, with the dual benefit of limiting the use of natural resources (water) and minimising the production of waste water.



THREE-PHASE TECHNOLOGY

With three-phase technology, the separation occurs with the addition of water, and the centrifuge extractor has two liquid outlet flows, one for the oil and one for the vegetation water, as well as a solid outlet flow for the pomace.

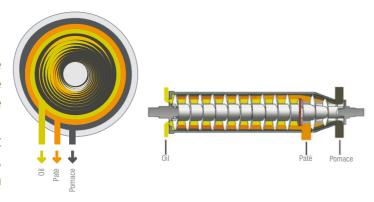
While requiring greater water consumption, this technology generates dry pomace which is easy to manage and of greater value for pomace processors.



MULTI-PHASE (DMF) TECHNOLOGY

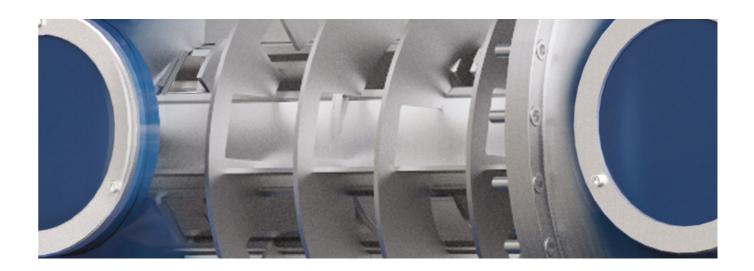
In multi-phase processing, the centrifuge extractor has three outlet flows: one for the oil, one for the pomace, and an intermediate outlet flow for the paste.

This type of extraction ensures the best quality of the various phases produced, with the versatility of being suitable both for continuous and batch processing.



NEW PIERALISI EXTRACTORS

- Improved scroll design to guarantee operational stability and performance
- Automatic electronic control system for management of the bowl speed and differential speed of the scroll
- Specific removable guards for the critical parts most subject to wear



DMF TECHNOLOGY

Multi-phase extraction combines the benefits of the two- and three-phase technologies.

- Reduces the quantity of added water and the production of vegetation water.
- Creates a patè free from stones, which can be used in various sectors, and a very dry pomace which is of high value to pomace processing plants.
- Creates a patè in the intermediate phase which can be used as a soil conditioner, feed additive, or as a booster for biodigestors.

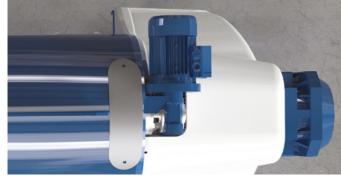


PRODUCTS

SPI SCORPION LEOPARD









MODEL	kW	L mm	D mm	H mm
SPI 20.2	5,5	1640	1050	1090
SPI 22.2	7,5	1840	1050	1090
SPI 24.2	7,5	2040	1050	1090

SCORPION - THREE-PHASE TECHNOLOGY

MODEL	kW	L mm	D mm	H mm
SCORPION 20.3	5,5	1640	1050	1090
SCORPION 22.3	7,5	1840	1050	1090
SCORPION 24.3	7,5	2040	1050	1090

MODEL	kW	L mm	D mm	H mm
LEOPARD 24.M	11	2300	1050	1100









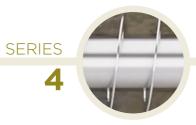
MODEL	kW	L mm	D mm	H mm
SPI 34.2	15	2850	1530	1470
SPI 36.2	15	3300	1530	1470

SCORPION - THREE-PHASE TECHNOLOGY

MODEL	kW	L mm	D mm	H mm
SCORPION 32.3	11	2430	1530	1470
SCORPION 34.3	15	2850	1530	1470
SCORPION 36.3	15	3300	1530	1470

MODEL	kW	L mm	D mm	H mm
LEOPARD 34.M	18,5*	3200	1710	1410
LEOPARD 36.M	18,5*	3500	1710	1410









MODEL	kW	L mm	D mm	H mm
SPI 42.2	22*	3150	1500	1760
SPI 44.2	30*	3560	1500	1760
SPI 46.2	30*	3970	1500	1760
SPI 47.2	30*	3970	1500	1760

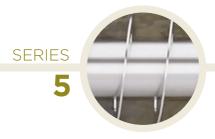
SCORPION - THREE-PHASE TECHNOLOGY

MODEL	kW	L mm	D mm	H mm
SCORPION 42.3	22*	3150	1500	1760
SCORPION 44.3	30*	3560	1500	1760
SCORPION 46.3	30*	3970	1500	1760

MODEL	kW	L mm	D mm	H mm
LEOPARD 44.M	37*	4030	1500	1730
LEOPARD 46.M	37 *	4440	1500	1730



^{*}Also available with secondary motor (RTV) for automatic management of differential speed







MODEL	kW	L mm	D mm	H mm
SPI 56.2	45*	3970	1500	1760

SCORPION - THREE-PHASE TECHNOLOGY

MODEL	kW	L mm	D mm	H mm
SCORPION 56.3	45*	3970	1500	1760







MODEL	kW	L mm	D mm	H mm
SPI 64.2	45*	5000	1750	2000
SPI 65.2	55*	5000	1750	

SCORPION - THREE-PHASE TECHNOLOGY

MODEL	kW	L mm	D mm	H mm
SCORPION 64.3	45*	5000	1750	2000

MODEL	kW	L mm	D mm	H mm
LEOPARD 64.M	55 *	5000	1750	2030



THE RANGE

SCORPION 76.3 S



SPI - TWO-PHASE TECHNOLOGY

MODEL	kW	L mm	D mm	H mm
SPI 76.2 S	130*	6000	2250	2290
SPI - THREE-PHASE TECHN	NOLOGY			
MODEL	kW	L mm	D mm	H mm

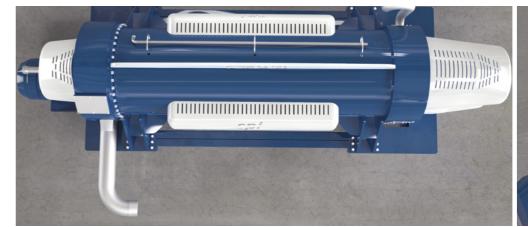
130*



6000

2250

2290







SUPPLEMENTARY UNITS

VIBRO FILTER TANKS





COMPATIBLE WITH SERIES 2

With steel cover

Power: 0.18 kW



COMPATIBLE WITH SERIES 3

With inspection viewhole

Power: 0.36 kW



COMPATIBLE WITH SERIES 4/5

With inspection viewhole

Power: 0.36 kW



COMPATIBLE WITH SERIES 6/7

With inspection viewhole and tilting vibro-filter

Power: 0.36 kW

