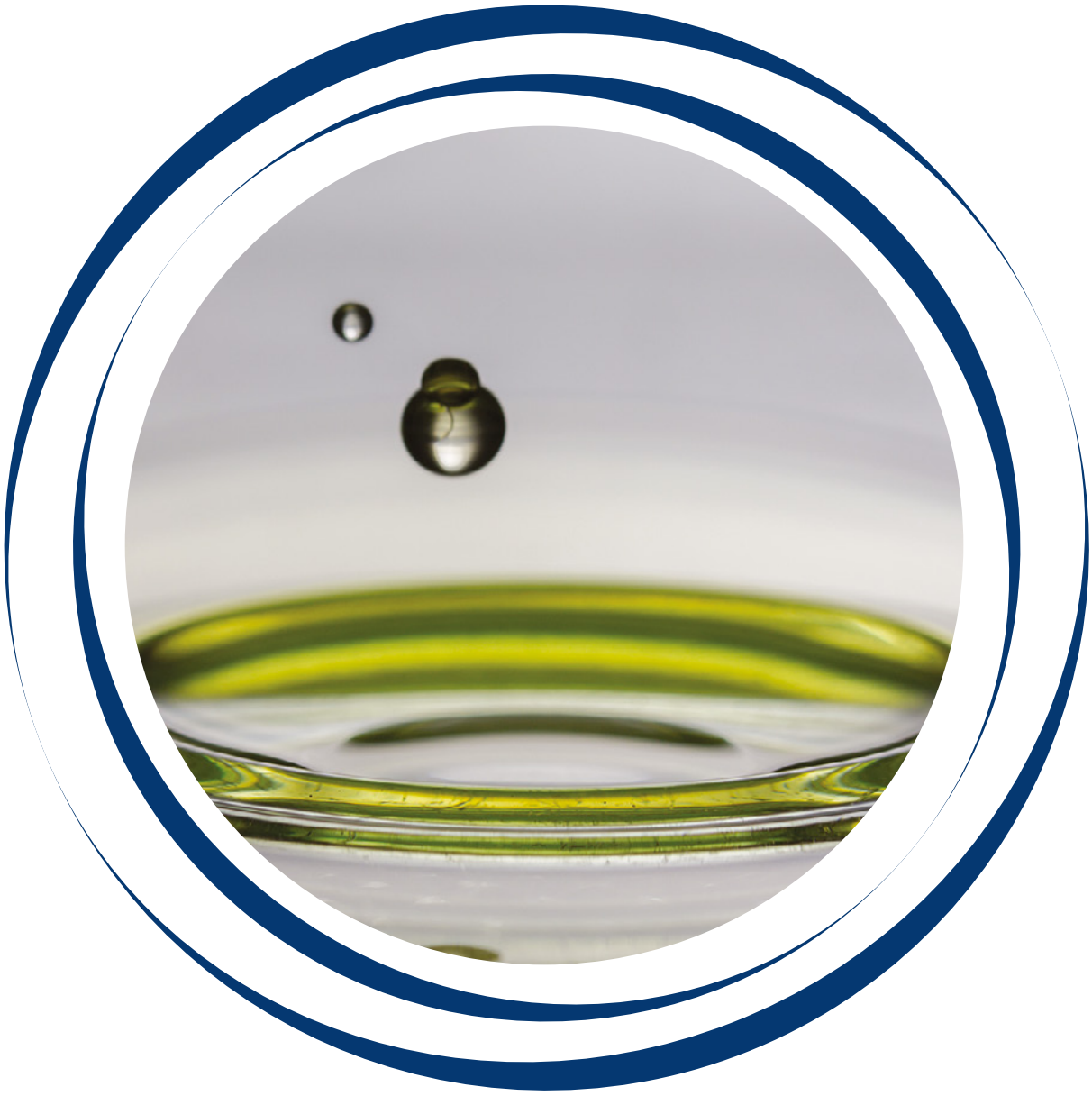
EXTRACTION

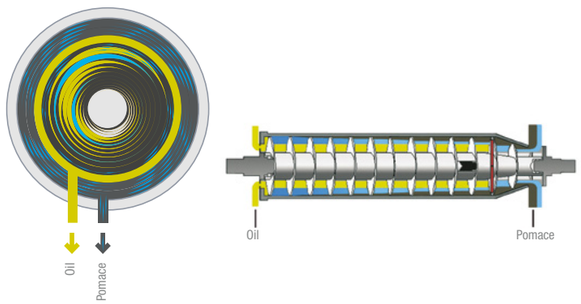


PIERALISI
CIRCULAR THINKING

EXTRACTION SYSTEMS

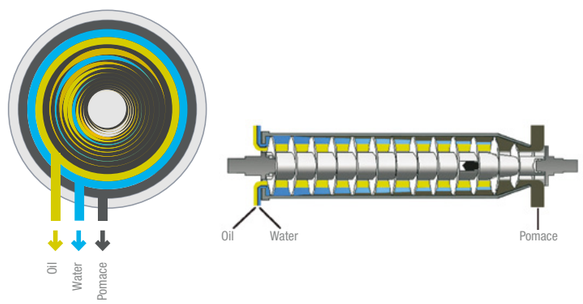
TWO-PHASE TECHNOLOGY

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.



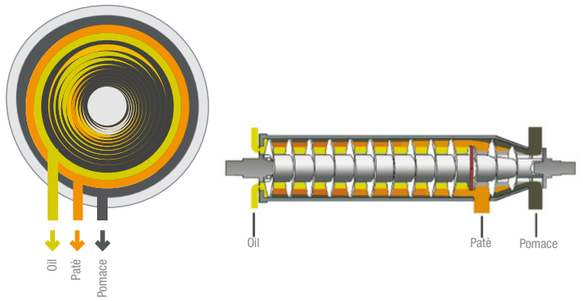
THREE-PHASE TECHNOLOGY

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

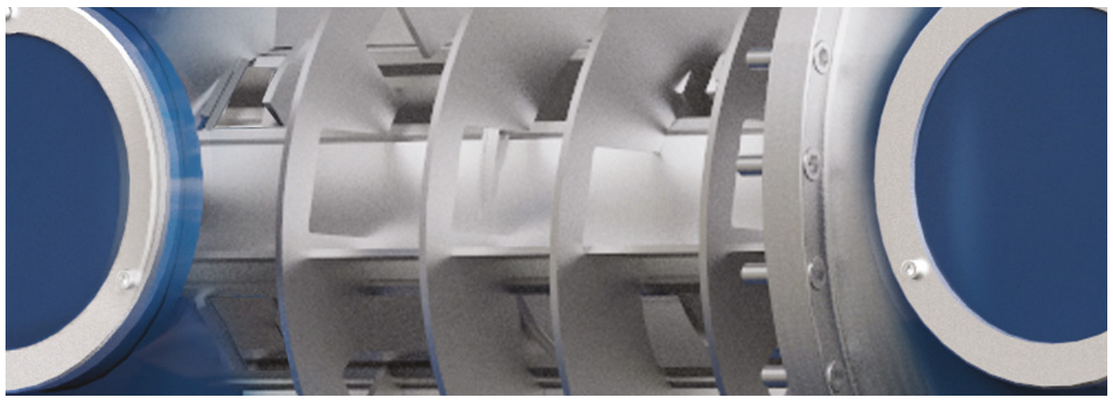
In multi-phase processing, the centrifuge extractor has three outlet flows: one for the oil, one for the pomace, and an intermediate outlet flow for the paste.
This type of extraction ensures the best quality of the various phases produced, with the versatility of being suitable both for continuous and batch processing.



PERFORMANCE BENEFITS

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.

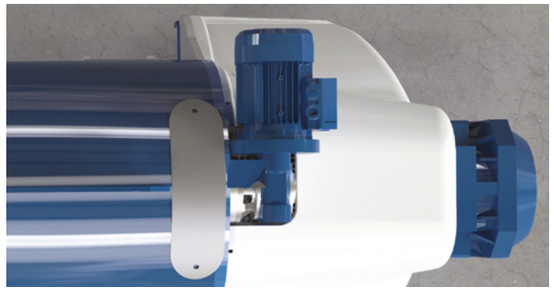
PRODUCTS

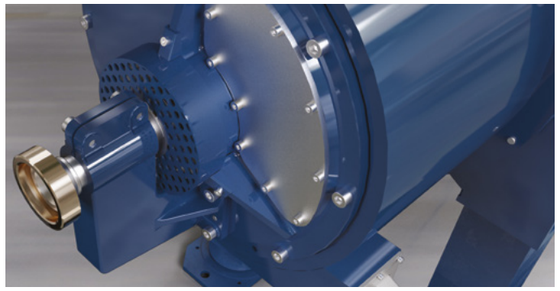
SPI

SCORPION

LEOPARD

THE RANGE





SPI - TWO-PHASE TECHNOLOGY

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**

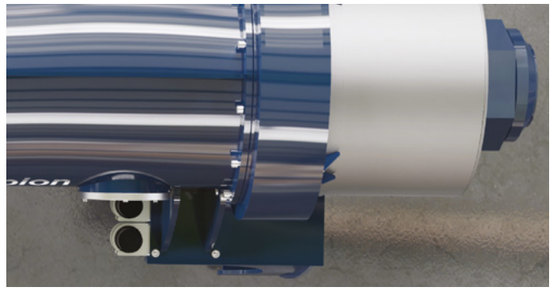
SCORPION - THREE-PHASE TECHNOLOGY

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**

LEOPARD - DMF TECHNOLOGY

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

THE RANGE



SPI - TWO-PHASE TECHNOLOGY

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

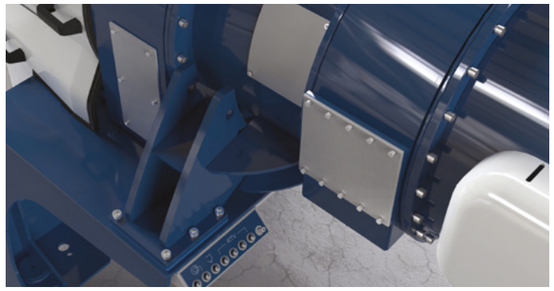
MODEL	kW	L mm	D mm	H mm
SCORPION 32.3	**11**	**2430**	**1530**	**1470**
SCORPION 34.3	**15**	**2850**	**1530**	**1470**
SCORPION 36.3	**15**	**3300**	**1530**	**1470**

LEOPARD - DMF TECHNOLOGY

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

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

THE RANGE



SPI - TWO-PHASE TECHNOLOGY

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

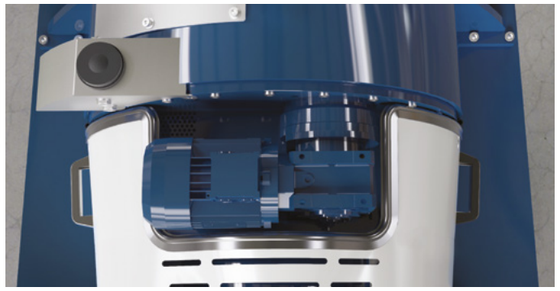
MODEL	kW	L mm	D mm	H mm
SCORPION 42.3	**22***	**3150**	**1500**	**1760**
SCORPION 44.3	**30***	**3560**	**1500**	**1760**
SCORPION 46.3	**30***	**3970**	**1500**	**1760**

LEOPARD - DMF TECHNOLOGY

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*

THE RANGE



SPI - TWO-PHASE TECHNOLOGY

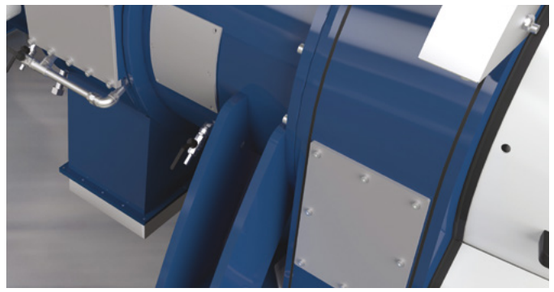
MODEL	kW	L mm	D mm	H mm
SPI 56.2	**45***	**3970**	**1500**	**1760**

SCORPION - THREE-PHASE TECHNOLOGY

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

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

THE RANGE



SPI - TWO-PHASE TECHNOLOGY

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

SCORPION - THREE-PHASE TECHNOLOGY

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

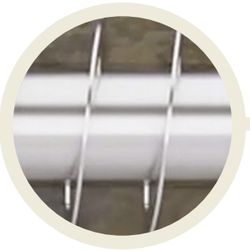
LEOPARD - DMF TECHNOLOGY

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

**Also available with secondary motor (SH) for automatic management of differential speed*

THE RANGE

SERIES
7



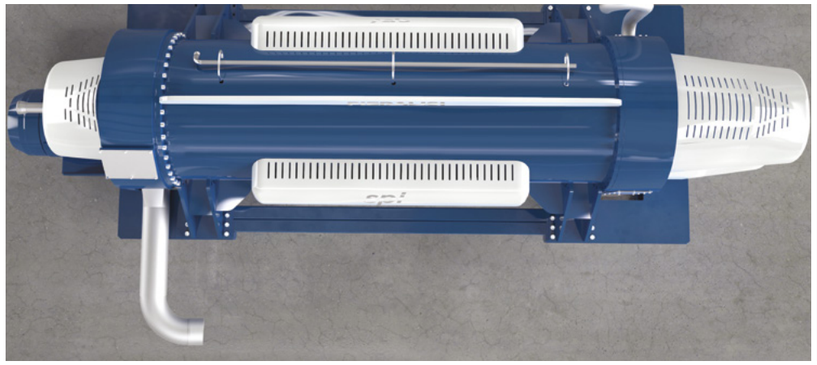
SPI - TWO-PHASE TECHNOLOGY

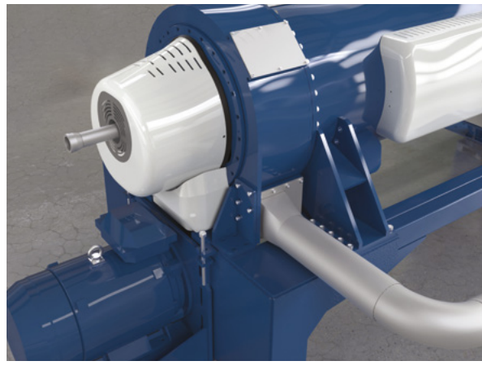
MODEL	kW	L mm	D mm	H mm
SPI 76.2 S	**130***	**6000**	**2250**	**2290**

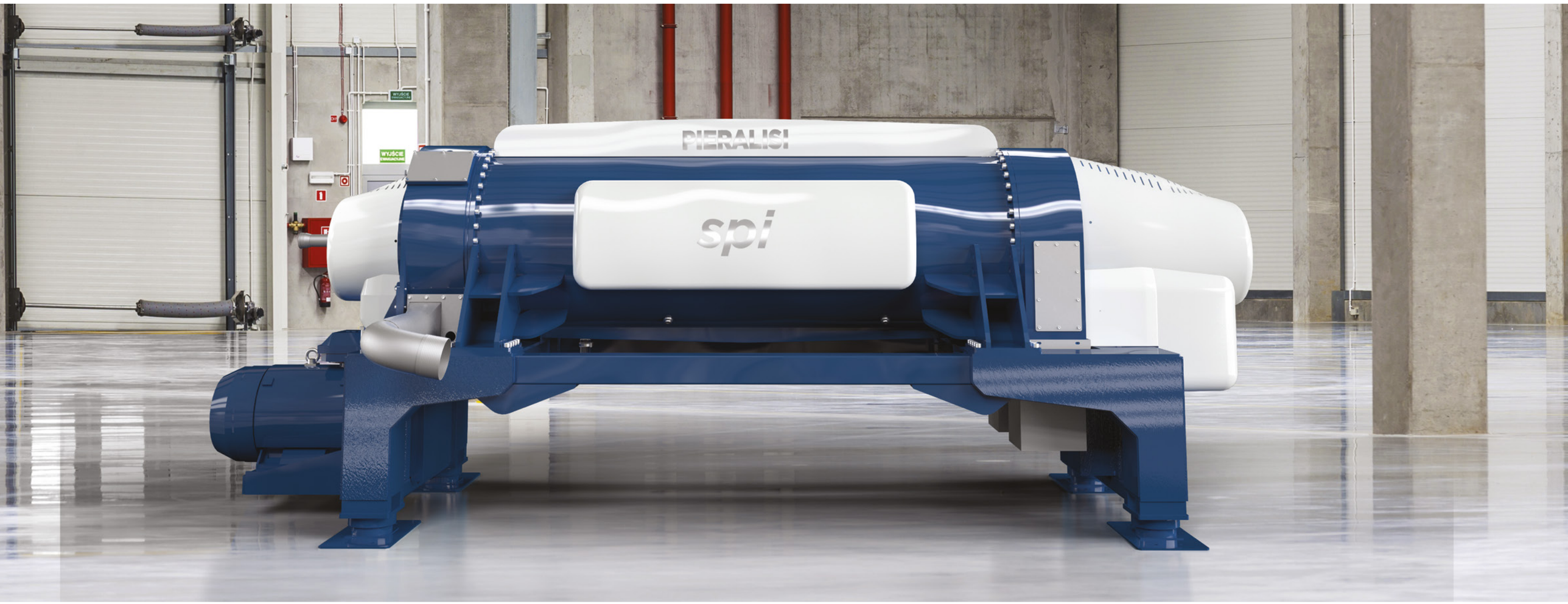
SPI - THREE-PHASE TECHNOLOGY

MODEL	kW	L mm	D mm	H mm
SCORPION 76.3 S	**130***	**6000**	**2250**	**2290**

**With hydraulic secondary motor for automatic management of differential speed*







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

PIERALISI
CIRCULAR THINKING

Via Don Battistoni, 1 - 60035 Jesi (AN) Italy
Tel. +39 0731.2311 - Fax +39 0731.231239
www.pieralisi.com - info@pieralisi.com