

Olive Oil Separators

Turning your olives into gold



FRAUTECH Separators for the Olive Oil Production

Frautech Separators has been manufacturing separators since 1913.

Thanks to our many years of experience and in-depth technical know-how, we can solve any separation process requirements.

Our separators are well known in the market for their reliability, outstanding performance, for the care that we dedicate to the materials of construction, and due to our great attention to detail.



Olive oil separators

Frautech Separators offers a dedicated series of separators specifically designed for olive oil processing.

Built to combine efficiency with product quality, the CA-0 models are equipped with a self-cleaning bowl and operate with gravity discharge of both water and oil, ensuring minimal mechanical stress and maximum product integrity.

Model	Capacity l/hr max [*]	Power kW	L mm	W mm	H mm
CA 31-0	up to 1,500	7.5	1,350	1,250	1,250
CA 51-0	up to 2,500	15	1,400 - 1,600 ^{**}	1,400	1,550

^{*}Depending on Oil Quality

^{**}1,400 Closed Version - 1,600 Open Version

These separators are designed not only for performance, but also for cost-effectiveness and sustainability

Reliable, durable, and engineered to preserve the natural qualities of your olives, Frautech CA-O separators are the ideal solution for modern olive oil producers who seek the perfect balance between technology and tradition.

Advantages

- Lower maintenance costs thanks to fewer and more durable replacement parts
- Reduced energy consumption, optimized for continuous operation
- Quieter performance due to belt-driven transmission



CA 31-O

Technical Data sheet

General

Model :	CA 31-O
Design :	Self-cleaning, Purifier Belt drive
Application :	Olive oil purifier
Liquid Discharge :	By gravity

Material of

Bowl body :	EN 1.4418
Piston and hood :	EN 1.4462
Lock ring :	EN 1.4462
Upper disc and distributor :	Bronze
Discs :	EN 1.4301
Solids carcher :	Cast iron
Light phase discharge :	EN 1.4301
Heavy phase discharge :	EN 1.4301
Frame :	Painted cast iron
Gaskets :	NBR / Viton / Polyamide

Technical features

Solids space :	3,5 l
Bowl speed :	up to 7000 rpm
Motor :	7,5 kW 400V 50Hz 3-phase
Lubrication :	Oil bath + oil circulation jacketed spindle



Process

Capacity up to:	up to 1.500 l/h*
------------------------	------------------

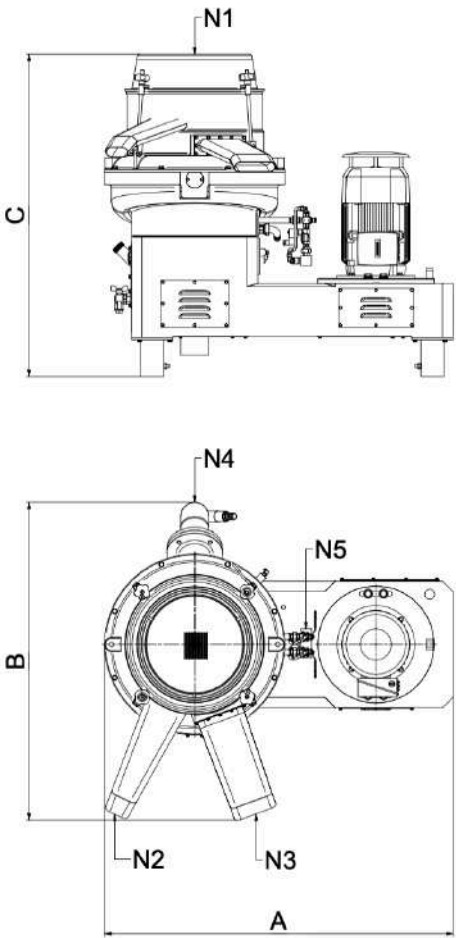
*Depending on Oil Quality

Operating

Hardness :	≤ 10 °f (recommended ≤ 5 °f)
NaCl :	≤ 100 ppm
Cl ions :	≤ 60 ppm
pH :	6 - 7
Temperature :	Room temperature
Pressure :	2 bar
Flow rate peak:	2.800 l/h



Technical data



ITEM	DESCRIPTION	SIZE	ITEM	DIMENSIONS
N1	Feed	OPEN	A - Length (mm)	1.350
N2	Light phase outlet	OPEN	B - Width (mm)	1.250
N3	Heavy phase outlet	OPEN	C - Height (mm)	1.250
N4	Solids outlet	Ø 110	Lifting height (mm)	1.800
N5	Operating water inlet	1/2"	Separator weight (kg)	1.030
			Bowl weight (kg)	160
			Required working area (mm)	2.800 x 2.500



CA 51-O

Technical Data sheet

General

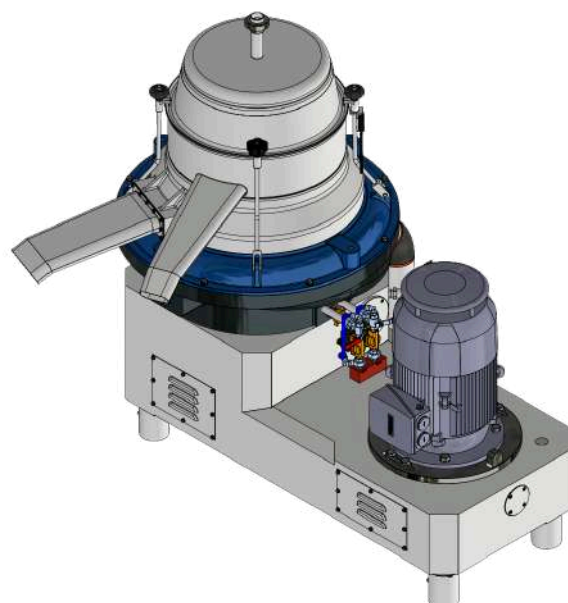
Model :	CA 51-O
Design :	Self-cleaning, Purifier Belt drive
Application :	Olive oil purifier
Liquid Discharge :	By gravity

Material of

Bowl body :	EN 1.4418
Piston and hood :	EN 1.4462
Lock ring :	EN 1.4462
Upper disc and distributor :	Bronze
Discs :	EN 1.4301
Solids carcher :	Cast iron
Light phase discharge :	EN 1.4301
Heavy phase discharge :	Aluminum
Frame :	Painted cast iron
Gaskets :	NBR / Viton / Polyamide

Technical features

Solids space :	6,8 l
Bowl speed :	up to 7000 rpm
Motor :	15 kW 400V 50Hz 3-phase
Lubrication :	Oil bath + oil circulation jacketed spindle



Process

Capacity up to:	up to 2.500 l/h*
------------------------	------------------

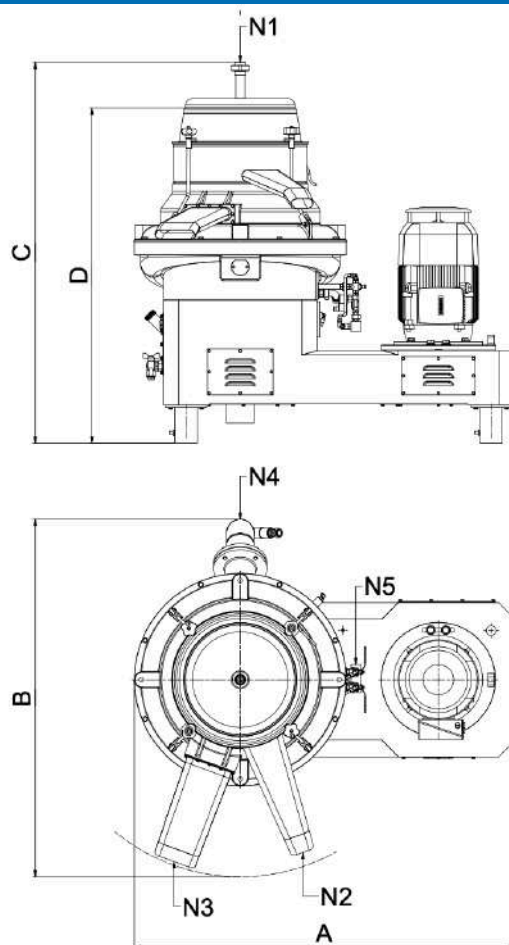
*Depending on Oil Quality

Operating

Hardness :	≤ 10 °f (recommended ≤ 5 °f)
NaCl :	≤ 100 ppm
Cl ions :	≤ 60 ppm
pH :	6 - 7
Temperature :	Room temperature
Pressure :	2 bar
Flow rate peak:	2.800 l/h



Technical data



ITEM	DESCRIPTION	SIZE
N1	Feed	CLOSED or OPEN
N2	Light phase outlet	OPEN
N3	Heavy phase outlet	OPEN
N4	Solids outlet	Ø 110
N5	Operating water inlet	1/2"

ITEM	DIMENSIONS
A - Length (mm)	1.600 or 1.400*
B - Width (mm)	1.400
C - Height (mm)	1.550
Lifting height (mm)	1.870
Separator weight (kg)	1.700
Bowl weight (kg)	300
Required working area (mm)	3.010 x 2.700

*1,400 Closed Version - 1,600 Open Version

