



NEW THREE-CYLINDER REFINER SERIES FOR PRODUCTION

The new series of three-cylinder refiners has been designed for easier operation by the operator. A powerful PLC coupled to a Touch Screen allow highly computerized management in the movement of the drives: approach/removal of the cylinders during the work phase; variable rotation speed of the grinding cylinders according to the processing program; continuous monitoring of operating pressures. Through the Touch Screen, the PLC also allows the archiving of recipes with an identification code, which can be replicated when necessary, with all the parameters, including processing ones.

The machines are set up for possible network connection for management in 4.0. Important for what concerns the safety of the operator, in addition to the physical and electromechanical protections, a special software has been studied and applied for the execution of the cleaning cycle with a very slow rotation of the cylinders and the aid of two pedals with continuous pressure which stop the rotation of the cylinders instantly.

Construction features

Self-supporting structure in carbon steel.

Grinding cylinders in steel with high content of carbon poured in a centrifuge to obtain a very compact structure, high hardness, excellent wear resistance and uniform temperature.

Standard execution or for ATEX classified environment.

SECTORS OF COMPETENCE

COSMETICS

Lipsticks – Foundation cream - Liners – Refined pastas in general.

ALIMENTARY

Chocolate in general - Dried fruit flours also in dough - Refining pastes in general.

MOCA certification.

PHARMACEUTICAL

Liquids and creams with granulometry between 0 and 3 microns.

Specific certification on request.

FINE CHEMISTRY

Inks - Pigmented pastes - PVC - Glazes - Colours

The technical office is available for any need for clarification on even customized applications.

Nuova Serie Raffinatrici a Tre Cilindri New Series Triple Rol Mills				
Horizontal Cylinders Arrangement				
Modello-Type	S 250	S 400	S 500	S 600
POTENZA- POWER kW	4	5,5	7,5	11
CILINDRI - ROLLS	180x250	150x400	250x500	250x600
CAPACITA PRODUTTVA/H *	Circa 40	Circa 70	Circa 110	Circa 140
PESO - WEIGHT Kg	1350	1700	2200	2600
DIMENSIONI- DIMENSIONS mm	800x1150x1300	1300x1300x900	1400x1400x950	1780x1450x1100
* ORIENTATION PRODUCTIVE CAPACITY				

Nuova Serie Raffinatrici a Tre Cilindri New Series Triple Rol Mills					
Inclined Cylinders Arrangement					
Modello-Type	S 800	S 900	S 1000	S1100	S1200
POTENZA- POWER kW	30	37	37	45	55
CILINDRI - ROLLS	330x800	330x900	400x1000	400x1100	400x1200
CAPACITA PRODUTTVA/H *	Circa 600	Circa 800	Circa 1200	Circa 1600	Circa 2000
PESO - WEIGHT Kg	3700	4500	5100	5500	5800
DIMENSIONI- DIMENSIONS mm	1980x1150x1450	2100x1600x1500	2300x1600x1600	2450x1650x1800	2600x1750x1800
* ORIENTATION PRODUCTIVE CAPACITY					

Machine with horizontal cylinders arrangements



Machine with inclined cylinders arrangements

