BabbiniNews Online

EDITORIAL

Good morning and welcome to all our customers and friends.

We take this opportunity to inform our customers about another recent patent application we submitted, that will be added to all other exclusive patents characterising our continuous double screw presses.

It is ascertained that presses with perforated spindles are more performing and efficient, under the same operating conditions and performances, if compared with presses with solid (unperforated) spindles.

Up to know, it was recognised that the critical point of these spindles was represented by the flights welding on perforated plate. This solution made perforated spindles more "delicate" if compared to their corresponding solid version.

Now, as it is explained in the article here below, we have overcome this problem thanks to a very innovative solution, and a new scenario in the field of pressing is now opening for Babbini presses.

In addition, our route to production diversification successfully proceeds, and our journey won't certainly stop.

Through research, and thanks to our experience, we want to improve pressing technology also in other sectors, not excluding the sugar field, as we have already done, for example, in the paper industry field.

I take the chance to wish all our readers a happy and prosperous New Year 2019.

Piero Prati

NEW BABBINI DRAINING SPINDLES WITH SCREEN PLATES WITH UNPERFORATED STRIPS: RELIABLE PERFORMANCES
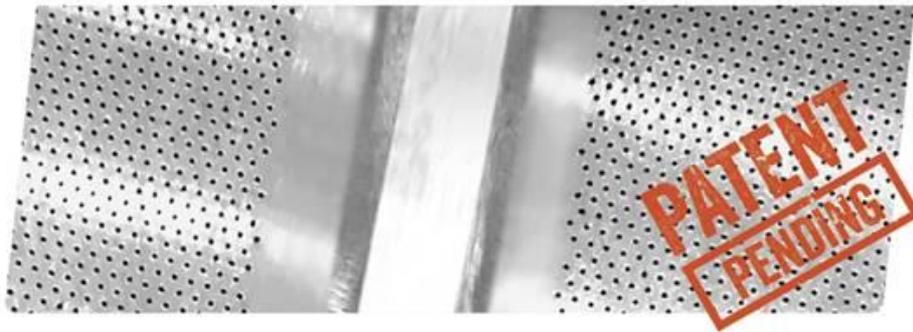
A new innovative manufacturing cycle developed in Babbini finally allows to exploit with full reliability the higher economic advantage assured by the use of draining spindles instead of traditional solid (not-draining) spindles.
Until now, a lot of customers preferred to use the latter only because of their higher reliability, despite their lower technological performances.

Thanks to the several improvements introduced into the manufacturing cycle, press with draining spindles, in addition to its higher performances, today has the same complete mechanical reliability if compared to a press with solid spindles.
Among these improvements, the most important is the innovative manufacturing of perforated plates with unperforated strips, allowing to weld the flights on unperforated plate parts.

Thanks to the introduction of the screen plates with unperforated strips (protected by patent application) and of the other improvements in the spindles manufacturing cycle, all causes responsible for the draining spindles failure, mainly the cracks at the flight base welding on perforated plates, are definitively eliminated.

Therefore, pulp presses can now be used with absolute reliability thanks to the new Babbini draining spindles, which are much more performing than the solid ones, since they allow a higher water extraction from wet pulp, with several consequent economic advantages.

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ECOMONDO 2018

Babbini's experience at Ecomondo in Rimini, one of the most important international exhibitions in the field of ecology technique, continues.

More and more visitors showed their interest in our presses over the years, but during this year's edition the transversal need of a lot of manufacturing sectors to remove liquids from products of various nature by encouraging recovery and/or making disposal operations easier, was even more evident.

The plastic recycling industry is certainly the most interested one in mechanical pressing, but several requests came from the field of energy production from biomasses and from the field of organic wastes processing and disposal.

Organic waste disposal, where Babbini already has some experience, is a strongly developing field and there are already many companies which are interested in testing our machines.

Ecomondo was also an occasion to meet several customers from the paper industry, where our single screw presses type MIC6 have been an appreciated reality for some years.

Babbini's commitment to export to other fields its know-how gained in the sugar field will continue in year 2019, with the aim to find pressing solutions for a lot of new products.