

The roof tile press NOVA III with eccentric cam, is engineered by HÄNDLE as new, future-oriented generation of 400-ton pressing machines. NOVA III sets new standards for the production of large-scale tiles, tiles of complex geometry and thin roof tiles.

Roof tile press with eccentric cam Nova III

PDR



The HÄNDLE-NOVA III pressing system

Sometimes, especially in the case of oversize roof tiles, roof tiles of complex geometry and thin roof tiles, a lateral force of 100 tons no longer suffices. Now, HÄNDLE's newly engineered roof tile press NOVA III with eccentric cam meets all current and future market requirements as a revolutionary generation of 400-ton pressing machines.

NOVA III can handle a lateral force of 180 tons.

Available with drum widths of 2,000 and 2,400 mm.

This enables a drum surface area for up to four-large-format tiles (eight per square meter). The roof-tile press with eccentric cam weighs approx. 75 tons.

Defining characteristics

- Production of large-scale tiles of complex geometry
- Reduction of pressing moisture content
 - » to save energy in the downstream process
- Achieves optimal tile quality (exact roof tile geometry, less scrap, higher quality) thanks to its robust, sturdy construction
- Offers maximum availability thanks to simple operation, modest maintenance requirements and optimized mould changing
- Width across flat of the drum enables fixation of longer molds
- Worldwide service by HÄNDLE - for the entire service life of the machine



Central drive and mechanically synchronized main movements

Technical data

TYPE	Pressing force t	Lateral force t	Number of strokes ¹ strokes/min.	Mold mounting area mm	Mold group height max. mm	Power requirement ² kW
PDR 1220	400	180	20	2000 x 655	210	75
PDR 1224	400	180	20	2400 x 655	210	75

¹ Number of strokes = mechanical effective number of strokes depending on molds and model

² Power requirement of main drive 55 kW + auxiliary equipment

Subject to technical modification due to ongoing development.