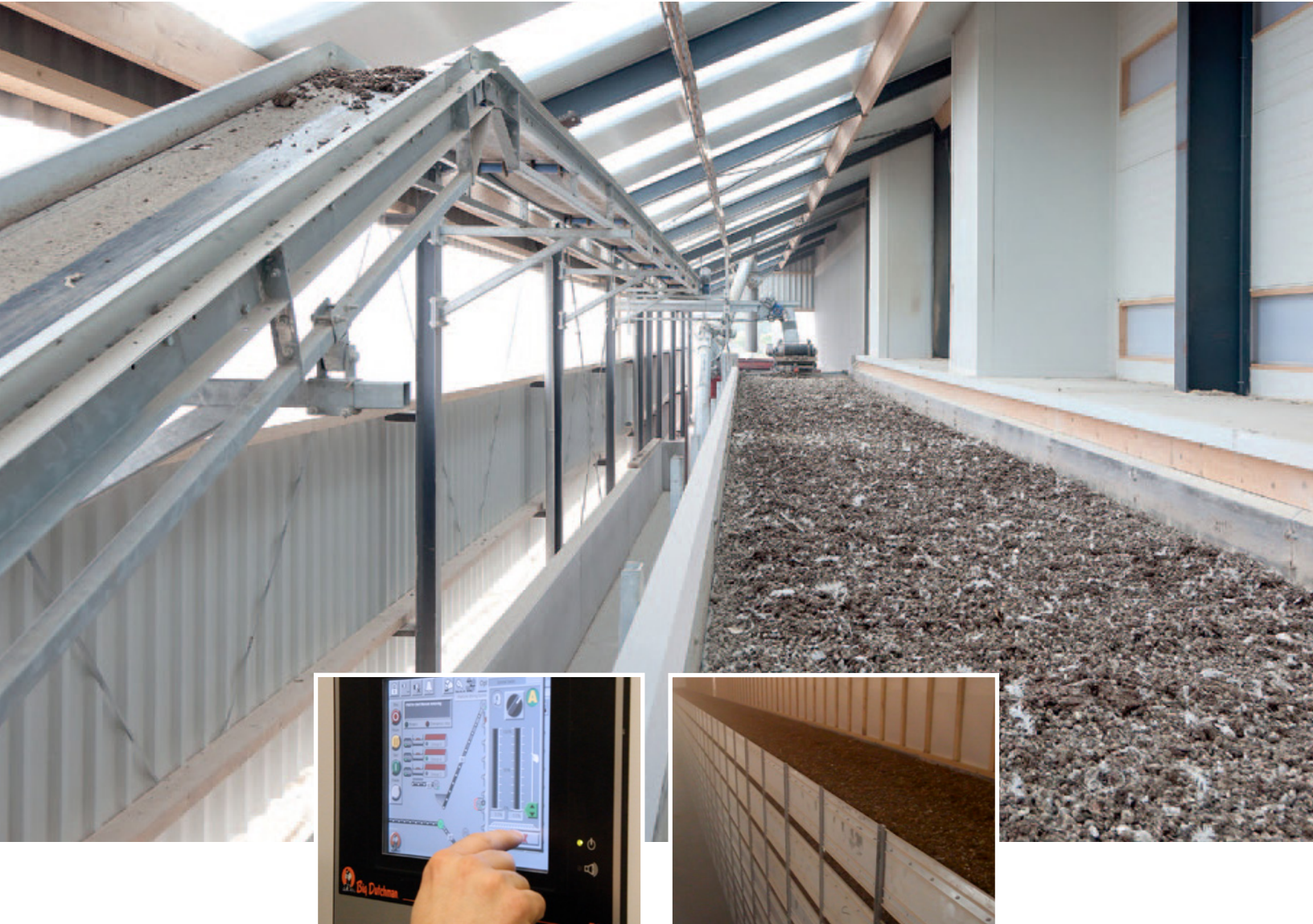




Big Dutchman®



OptiPlate

Accurate and Reliable High Capacity
Manure Drying System

OptiPlate is a highly-efficient steel plate drying system with a compact design. It dries fresh poultry manure originating from aviaries and cage systems to up to 90% dry matter. OptiPlate is available with 2 to 5 tiers. Every tier consists of two plate rows which can be loaded up to a layer height of 20 cm each.

During the drying process, fans push the warm exhaust air into the pressure corridor (at approx. 60 to 100 Pa overpressure) with up to 3 m³/h/ bird. There, it flows through all tiers over the entire width. The perforated steel plates (2000 x 317 mm, hole diameter 5 mm) ensure that the warm air not only passes by the manure but passes through the manure.

Every plate drying system is planned individually based on the conditions on the farm where it is to be installed. One system can dry the manure of up to 200,000 laying hens.

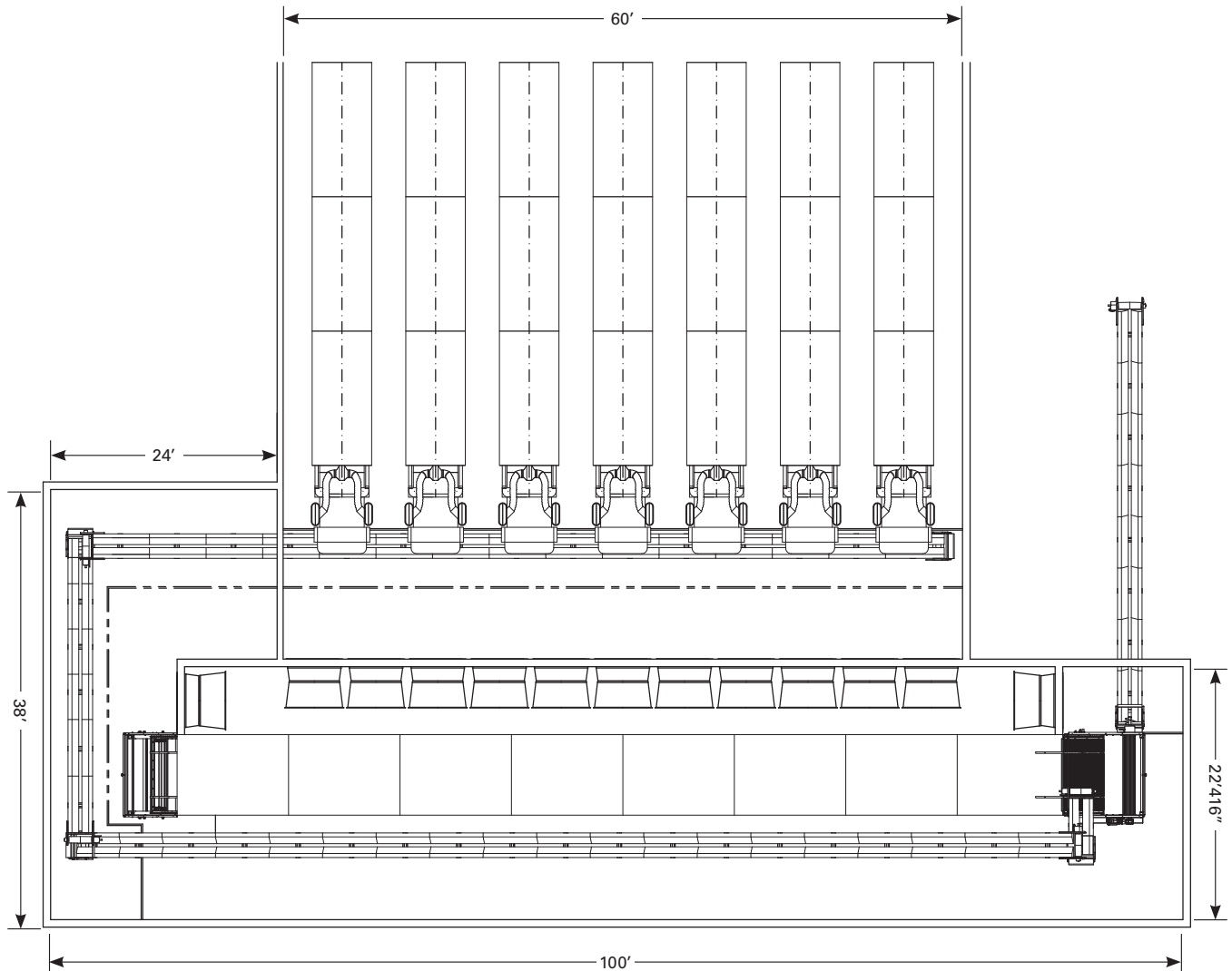


OptiPlate front view with filling station



OptiPlate back view with dust scraper

Tiers	Length	Height	Sections	Max birds
2	60' - 6"	12' - 11"	5	50,000
2	90' - 1"	12' - 11"	8	80,000
3	90' - 1"	17' - 7"	8	120,000
4	90' - 1"	22' - 4"	8	160,000
5	90' - 1"	27' - 1"	8	200,000



For USA, Canada and South America please contact:

Big Dutchman, Inc. - USA
 3900 John F Donnelly Dr • Holland, MI 49424 • USA
 tel +1 616 582 4000 • fax +1 616 392 6188
 www.bigdutchmanusa.com • info@bigdutchmanusa.com

Details are subject to change: 12/12