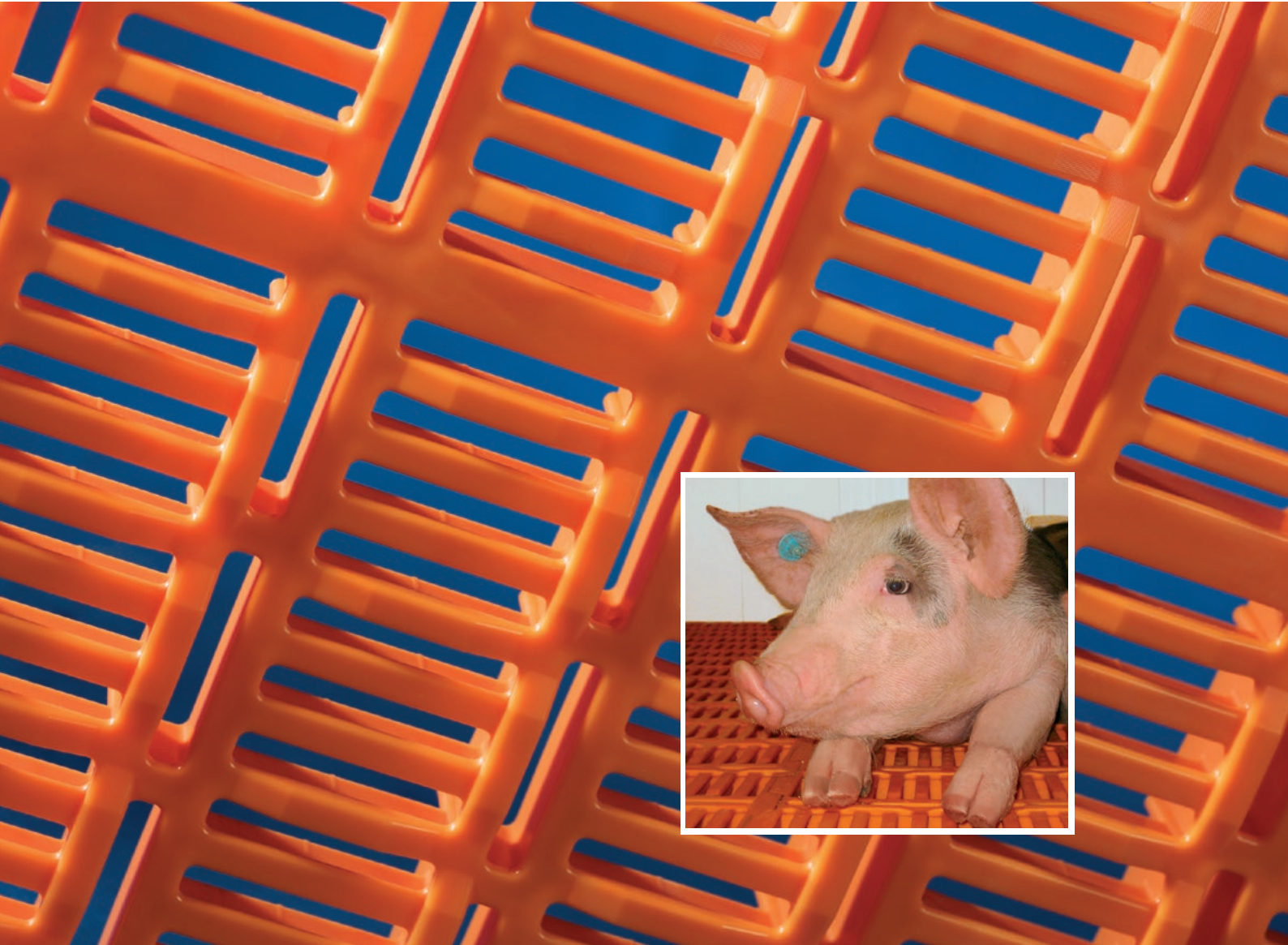




**Big Dutchman**®



## **Floor Systems**

for energetic sows and healthy piglets

# Floor systems for farrowing and rearing pens

Big Dutchman plastic floor systems always meet our customers' high demands for the hygienic, productivity-enhancing and animal-friendly housing of sows and piglets. Our extensive product range includes the following components:

- ✓ slats made of high-quality plastic

material, available in different sizes and with different solid-to-void ratios;

- ✓ plastic slats with integrated rubber mat or ceramic insert;
- ✓ open and solid cast iron slats;
- ✓ heating plates made of polymer concrete, plastic or GRP;

- ✓ support bars made of galvanized steel, stainless steel or GRP.

Thanks to the great flexibility of our modular floor system, it is easily possible to create any shape and size of pen.

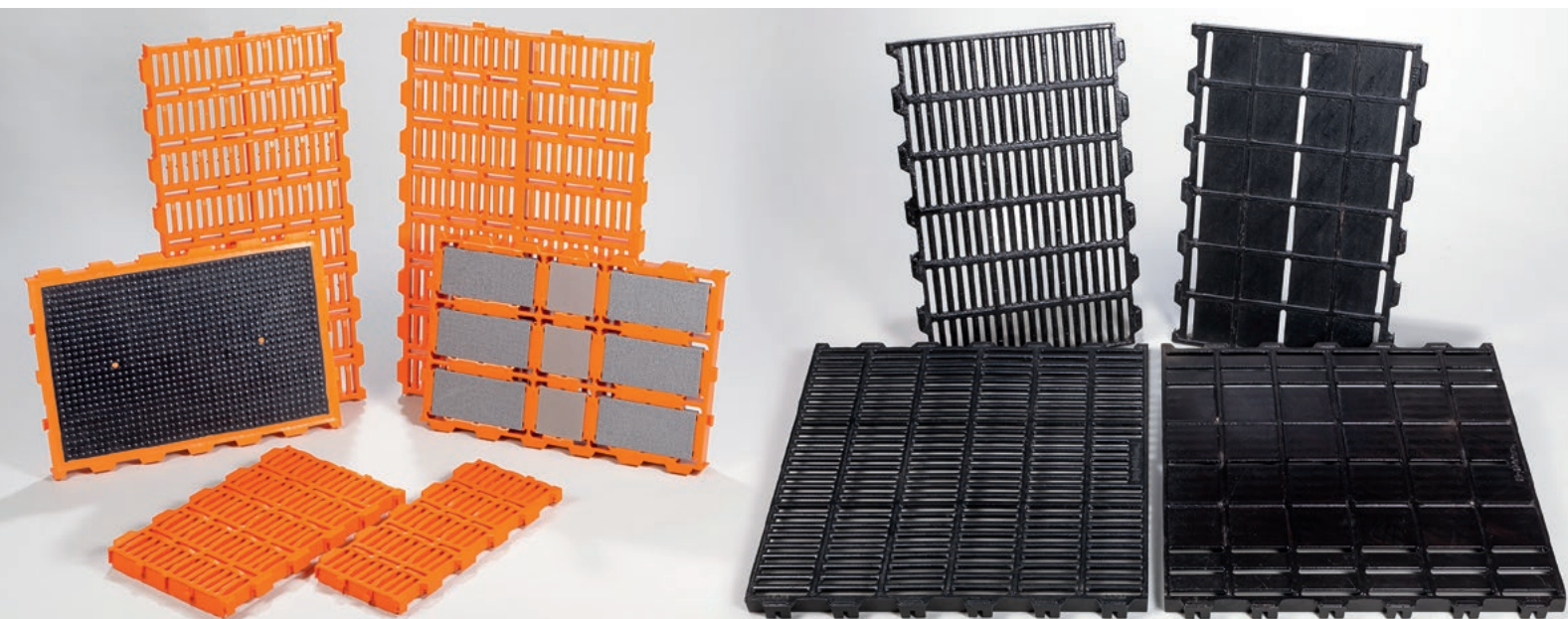
## Floor systems for farrowing pens

### Innovative and comfortable for sow and piglets

Sows and piglets have different requirements regarding thermal conduction and heat storage. A combination of different

slats should therefore be used for the floors in farrowing pens. Cast iron flooring ensures a cool lying place for the sow

while heating plates are ideal to warm the piglets.



Vast selection of plastic slats and cast iron slats – for any pen design and size

## SowComfort – plastic flooring with an integrated rubber mat



Farrowing pen with SowComfort flooring beneath the sow, arranged diagonally

**SowComfort** is a very durable, non-slip rubber mat guaranteeing a secure foothold for the sow when she stands up or lies down. A special method has made it possible to permanently integrate the rubber mat into the slat during manufacturing. As a result, SowComfort can easily be incorporated into the Big Dutchman floor system.

### Advantages

- ✓ secure foothold and stability for sows in the farrowing pen and thus increased well-being;
- ✓ the sow rests in a more relaxed manner as the rubber prevents injuries to the teats;
- ✓ the piglets stand on the rubber mat with their front feet without slipping while they are suckling;
- ✓ easy cleaning with a high-pressure cleaner;
- ✓ good abrasion resistance, long service life.



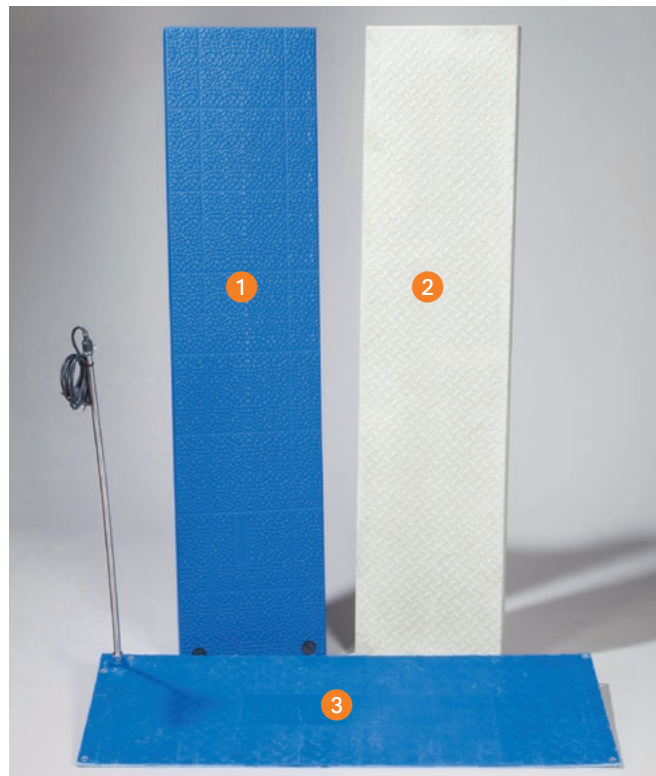
## Heating plates ensuring even heat distribution and excellent heat storing

Heating plates ensure optimum temperature conditions in the piglets' resting area, no matter whether it be in the farrowing or rearing pen.

Our product range includes heating plates of different materials and sizes. They can either be integrated into, or placed on, the slats.

This includes heating plates either

- 1 made of plastic, ensuring an even heat distribution as they are filled with water;
- 2 made of high-quality polymer concrete with a well-structured profile and heated by hot-water pipes or heating wires; or
- 3 made of glass-fibre reinforced plastic (GRP); these electric heating plates are of comparatively little weight and available at a reasonable price. They can easily be retrofitted or placed on the slats.

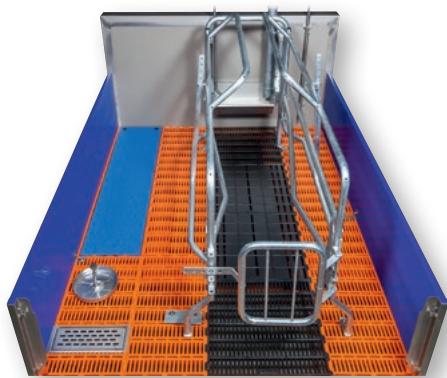


## Examples for the laying of slats – animal-friendly and easy to mount

The current standard size of farrowing pens is 2.40 x 1.80 meters. Big Dutchman has specifically developed a free-movement pen to meet all requirements for the

sow's and piglets' well-being. This free-movement pen has a size of at least 2.60 x 2.00 meters. Our flexible modular design allows us to easily create different pen

sizes. Cast iron slats ensure a cool resting area, are very durable and hygienic and provide a secure foothold.



The piglet heating plates are made of plastic or polymer concrete and can be easily integrated.

The slats offered by Big Dutchman, both the plastic and cast iron versions, have rounded links and are free of burrs so there is no risk of injury.



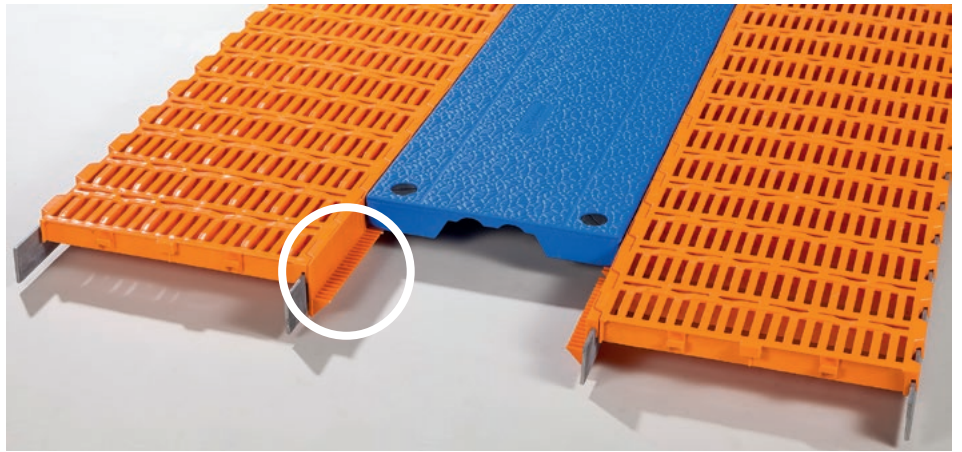
Resting area below the sow consists of cast iron slats; integrated plastic heating plate for the piglets



Free-movement pen with a pen size of 2 x 2.6 meters for more space for the sow

## Mounting

The slats are mounted easily and quickly. They interlock perfectly, thus ensuring a high stability of the floor system. All plastic slats can also be precisely cut every 10 centimeters to fit the required dimensions. Heating plates can be integrated without problems. If necessary, the slats can be lifted even after having been laid.



Mounting example: Simple integration of a heating plate thanks to supporting brackets

## Floor systems for piglet rearing pens

### Hygienic and animal-friendly

The high-quality Big Dutchman plastic flooring is ideally suited for piglet rearing pens. The optimum solid-to-void ratio keeps

the floor clean and promotes healthy piglets. Slats are available in three different sizes and can also be supplied with a

slatted area of only 10 percent. Heating plates can easily be integrated where required (placed on top or inserted). If a zone heating system is used, plastic slats with a slatted area of 10 percent should be mounted below the covering plate. This improves the heat storing capacity and thus creates a more comfortable resting area.



Animal-friendly plastic slats for piglet rearing pens



Plastic flooring with a slatted area of only 10 percent increases comfort in the resting area



# Big Dutchman

**Germany:**  
**Big Dutchman Pig Equipment GmbH**  
Postfach 1163 · 49360 Vechta  
Tel. +49(0)4447 801-0 · Fax -237  
big@bigdutchman.de  
www.bigdutchman.de

**USA: Big Dutchman, Inc.**  
Tel. +1 616 392 5981 · bigd@bigdutchmanusa.com  
www.bigdutchmanusa.com

**Brazil: Big Dutchman (Brasil) Ltda.**  
Tel. +55 54 2101 5900 · bdb@bigdutchman.com.br  
www.bigdutchman.com.br

**Russia: 000 "Big Dutchman"**  
Tel. +7 495 2295 171 · big@bigdutchman.ru · www.bigdutchman.ru

**Asia/Pacific: BD Agriculture (Thailand) Ltd.**  
Tel. +66 2 349 6531 · info@bigdutchman.com · www.bigdutchman.com

**China: Big Dutchman (Tianjin) Livestock Equipment Co., Ltd.**  
Tel. +86 10 6476 1888 · bdcnsales@bigdutchman.com  
www.bigdutchman.cn