


DeLaval herringbone stall 50°



Unbeatable cow positioning and durability



DeLaval herringbone stall 50° now offers even better cow positioning, operator comfort and durability. Better cow positioning, closer to the milker, makes it safer and more comfortable to milk, while increased size of key components has added to the overall strength and life of the parlour.

DeLaval HB50° gives a cow spacing shorter than the traditional herringbone 30s, which lets more cows fit along the pit and reduces milker walking distance. Milking between the back legs with an anti-kick rail adds greatly to milker safety. Our new standard modules are now available with optional single splash guards to give good cow visibility, while protecting you and your equipment during milking.

DeLaval HB50° can fit many existing layouts, making installation simple and economical. The conventional exit from DeLaval HB50° doesn't need a wide building in order to fit so it is ideal for renovating your existing herringbone 30° or tandem building. It allows you to fit more stalls to milk your herd faster without having to completely rebuild. Conventional exit also allows you to install feed mangers for in parlour feeding.



Staggered rump and kick rails

Excellent cow position



Deported rump position



Exit gate and optional feed manger



Staggered 60 mm (2") rump/kick rails

A bigger parlour for bigger cows

With improved nutrition and breeding the average size of European cows continues to increase. A new parlour stall needs to cater for cow size increases over 15 to 20 years. DeLaval herringbone stall 50° has 800 mm cow spacing to give bigger cows high comfort, while still offering a comfortable two metre wide pit.

Excellent cow positioning

DeLaval HB50° has staggered rump and kick rails to strongly define each cow place. The top rump rail is offset (or deported) closer to the operator pit than the lower kick rail and follows the contour of the cow's back legs in her natural standing position. This enables the cow to stand comfortably and close to the operator without pressure on her sensitive pin or tail area.

This design also puts the cow closer to the bottom kick rail – preventing her from kicking back against the milker. Simply put, DeLaval HB50° makes milking safer and more comfortable for you and your cows.

Strong and durable design

DeLaval HB50° is already renowned for its durability but now it is even stronger because the stall's rump rail and frame components are made from 50 mm (2") steel tubing. An optional suspended beam frame adds further strength and longevity. This stronger beam frame gives added rigidity for bigger parlours, and is optional for smaller ones.

Operator comfort and safety

Operator safety is prioritized in DeLaval HB50°. With no posts between the cows, there's no risk of the milker's arm being kicked against a post. With the cow close to the pit and the kick rail closer to the cow, the udder is easy to reach. This speeds up cluster attachment while reducing the risk of back strain, and there is less chance of the cow kicking back. A heavy, galvanized steel pit edge with a blue plastic edging is now standard in DeLaval HB50°. This creates a warm, soft surface for the operator to lean against or to move along.



HD entrance gate

Good cow flow

The entrance gate opens fully to allow cows to enter speedily and walk quickly along the wide platform. The large exit gate creates the correct angle for the first cow and the rest just follow.

The large heavy duty entrance gate keeps the last cow in position and also creates a barrier for the waiting cow. This feature protects the last cow from any interference and with optional electronic cow ID, it keeps the waiting cow where she should be – inside the ID field.

Herringbone 50° options

- The front exit modules improve throughput and are ideal for new construction in a wider building.

This option reduces cow exit time to a few seconds in a bigger parlour and can dramatically improve total parlour throughput.

- HD (heavier duty) modules are designed for the new DeLaval HB50° for premium strength and reliability in very large grassland parlours or in smaller parlours milking 6 to 12 hours per day.

A heavy 60 mm (2") staggered rump rail is welded together with a 57 mm (2 ¼") straight kick rail to provide strength and rigidity. The rump/kick rail is supported by a heavy beam frame. A heavier duty entry gate and breast rail gives optimal durability in even the biggest parlours.

- HB Flex offers highest throughput in limited space. When renovating old parlours, the existing cow platform is sometimes too narrow for a DeLaval HB50° stall.

By combining an offset straight rump rail and adjustable neck rail dividers, HB Flex allows you to choose the optimum cow angle and spacing, to fit the maximum number of cows on the existing cow platform.

Milking system and herd management options

All DeLaval HB50° parlours are available with either traditional lowline or Midiline™ milking systems. Both offer an extensive choice of DeLaval milking automation and herd management options.



Wide entry improves cow flow



Excellent milker comfort



Individual splash guard



Optional HD rump rail

STANDARD FEATURES

- 800 mm cow spacing
- Suspended 60 mm (2") pipe frame, adjustable for width and height (1x4–1x8, 2x4–2x16)
- Suspended rump rail (one post at each end)
- Staggered, offset 60 mm (2") rump and kick rails (1x4–1x8, 2x4–2x24)*1*5
- Heavy galvanized steel pit edge with blue plastic edging (cemented in or bolted on)
- Swinging HD entrance gate with vacuum control
- Swinging exit & HD rump rail options

*1 Not available with HB Flex

*2 Standard with front exit & HD rump rail options and all parlours >2x16

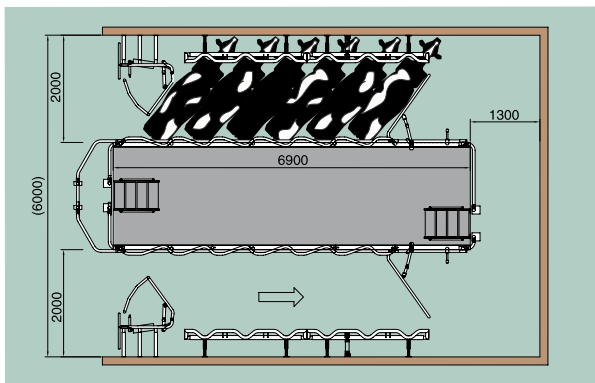
*3 Not available with front exit

*4 Not available with in-parlour feeding

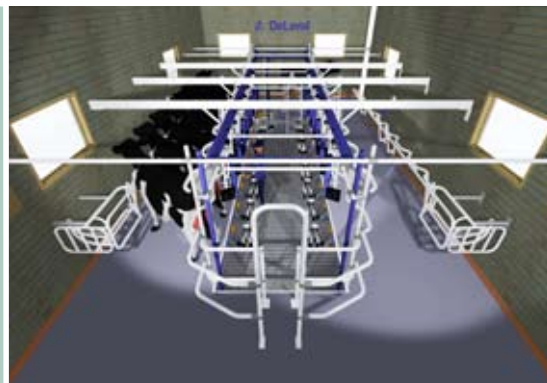
*5 Not available with HD modules

OPTIONS

- Closed or open pit design
- Suspended beam frame *2
- Individual splash guards on rump rail*1*5
- Range of breast rails or front exit
- In-parlour feeding*1*3
- Breast rail indexing*3*4
- DeLaval adjustable floor
- Vertical entrance gate with manual or vacuum control*3*5
- Pit end rails and steps in to the pit
- Entry race for electronic identification
- HD (heavy duty) rump rail (2x6 - 2x40)
- Full range of DeLaval milking system and herd management options



Plan view



3D image