

## D.L. George & Sons Mfg.

13321 Midvale Road, Waynesboro, Pa. 17268

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www.dlgeorge-sons.com

# Space Saver Parallel Parlor (Standard Exit)



**The Space Saver Parallel Parlor is a very cost effective alternative for smaller herds and where space is limited. It is frequently used to retrofit existing herringbone parlors when there is a requirement to milk more cows**

The Space Saver Parallel Parlor can fit in very limited space because of its unique design. The cows load into the stalls in the typical fashion but when they have been milked, the stall dividers are rotated up against the wall leaving a wide exit alley for the cows to leave the parlor. Cows can exit from the same end that they enter by using a diversion gate or they can exit through the opposite end of the parlor depending on the cow traffic patterns.

The brisket rail is made up of 4" x 4" x 1/4" structural tubing. The legs that carry the parlor are made up of 4" square structural tubing. The stall dividers are made of 3 x 2 x 1/4 structural tubing. After fabrication the structural tubing is coated with the same thermal spray galvanizing process that is used in many naval ships. The other support tubing and entrance gates are made of 2" square high tensil tubing. This tubing is galvanized at the mill and it is structurally stronger and has better corrosion resistance than 2" galvanized pipe. Curbing and gutters are made of 11ga material and are available in either stainless steel or galvanized steel. The stalls are raised and lowered using a hydraulic power unit which provides excellent reliability and years of low maintenance operation.

The parlor also features D. L. George & Sons Mfg.'s brisket restraint system which allows different-sized cows to fit in the parlor and still be within easy reach of the operator without expensive mechanical indexing. Cows that are shorter in length are generally shorter in height so shorter cows will come in contact with the brisket rail sooner than tall cows. This design will automatically move the shorter cows back against the gutter while allowing plenty of room for large cows which can extend farther over the brisket rail.

The UHMW 1" thick (Ultra-High Molecular Weight Polyethylene) sequencing paddle provides a solid gate-like effect which makes it easier to train the cows.

The compact nature of parallel parlors and the efficiency of D. L. George & Sons Mfg stalls in particular provide significant direct savings in labor costs. In many situations we have been involved in, the labor savings alone have provided a payback of the investment in less than two years.



### What Our Customers Say:

Ricecrest Farms  
Chambersburg, PA  
717-264-7948

Double 10 Parlor

" This makes milking first calf heifers enjoyable again. Since it takes less space, it fits right into our previous set-up. Only half as much walking is done between cows."

Joe Middour  
Waynesboro, PA  
717-762-7595

Double 8 Parlor

" We were able to put the parlor in without going to a lot of construction expense. The shroud keeps everything neat and clean."





## Key Design Specifications

### Materials:

All 2" Square tubing is 12 ga, with galvanized finish  
Legs and Brisket Rail are 4" x 4" Square tube with thermal spray galvanized finish

All other steel components have either thermal spray galvanized finish -or-  
2 part corrosion resistant paint finish

Curb and Gutter are either 11 ga Galvanized sheet or 11 ga Type 409 Stainless Steel

Sequencing Gate frame is Square Tubing with galvanized finish

Sequencing Gate Paddle is 1/2" thick UHMW

Height Recommended	102"
Minimum Height For Standard Configuration	78"
Length of Parlor recommended	29" x # of stalls plus 6"
Length of Parlor Minimum	27" x # of stalls plus 4"
With Entrance Gate	Add 12"
With Stairs	Add 3'-0"
Width of Cow Platform Recommended	8'-0"
Width of Cow Platform Minimum	7'-2"
Stall width recommended	29" ctr-to-ctr
Stall width minimum	27" ctr-to-ctr

### Options available (custom pricing)

Shroud on back of gutter to mount equipment in  
Smaller stalls for Jersey cows  
Stainless grate to keep cows tails out of gutter  
Slide-type entrance gate  
Swinging type entrance gate  
Custom shapes on curbing  
Custom shapes on gutter  
Splash shield with no gutter  
Custom paint colors  
Custom controls packages





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**Space Saver Parallel Parlor  
(Standard Exit)****Features and Benefits**

<u>Feature</u>	<u>Benefit</u>
Parallel Design	Less facilities space and reduced environmental cost over time (heating, air conditioning)
Space Saver Design	Narrower cow platform than rapid exit parlors. Minimal construction costs. Will often fit in an existing facility. Very efficient in herds under 150 cows even compared to fast exit parlors. For example: In a double 10 parlor milking 100 cows, there will be 10 cow changes. The exit time in a double 10 Space Saver will be about 50 seconds compared to 5-10 seconds in a fast exit parlor. The time savings for 10 cow changes will be 6-8 minutes per milking and you may get that time back because cleanup will take less time in the Space Saver.
Stall sections assembled at plant	Ease of installation, reduced installation time and expense
Kick rail below gutter	Operator safety
Elevated Gutter	Catches most manure before it hits the floor, keeps parlor cleaner
Structural tubing legs	Structural strength is much greater than 4" pipe, long term durability
High tensile strength square to tubing	Better strength and corrosion resistance than 2" pipe, since tubing is square it is much easier to weld than round pipe and you can expect greater durability at weld joints.
Cantilevered curbing	Ease of installation. Keeps milk lines and meters etc. out of the way of the operator.
UHMW Bushings on gates	No lubrication required means lower maintenance and greater long-term durability
UHMW Sequencing paddle	Provides solid gate-like effect to make training cows easier. Very easy to clean
Stainless Springs on paddle	Positive paddle return
Hydraulic operating unit	Low maintenance requirement, very reliable operating system
Factory supervised installation option	Ease of installation, reduced installation cost. Take advantage of years of experience with parallel parlor installations to handle those 'unique' challenges