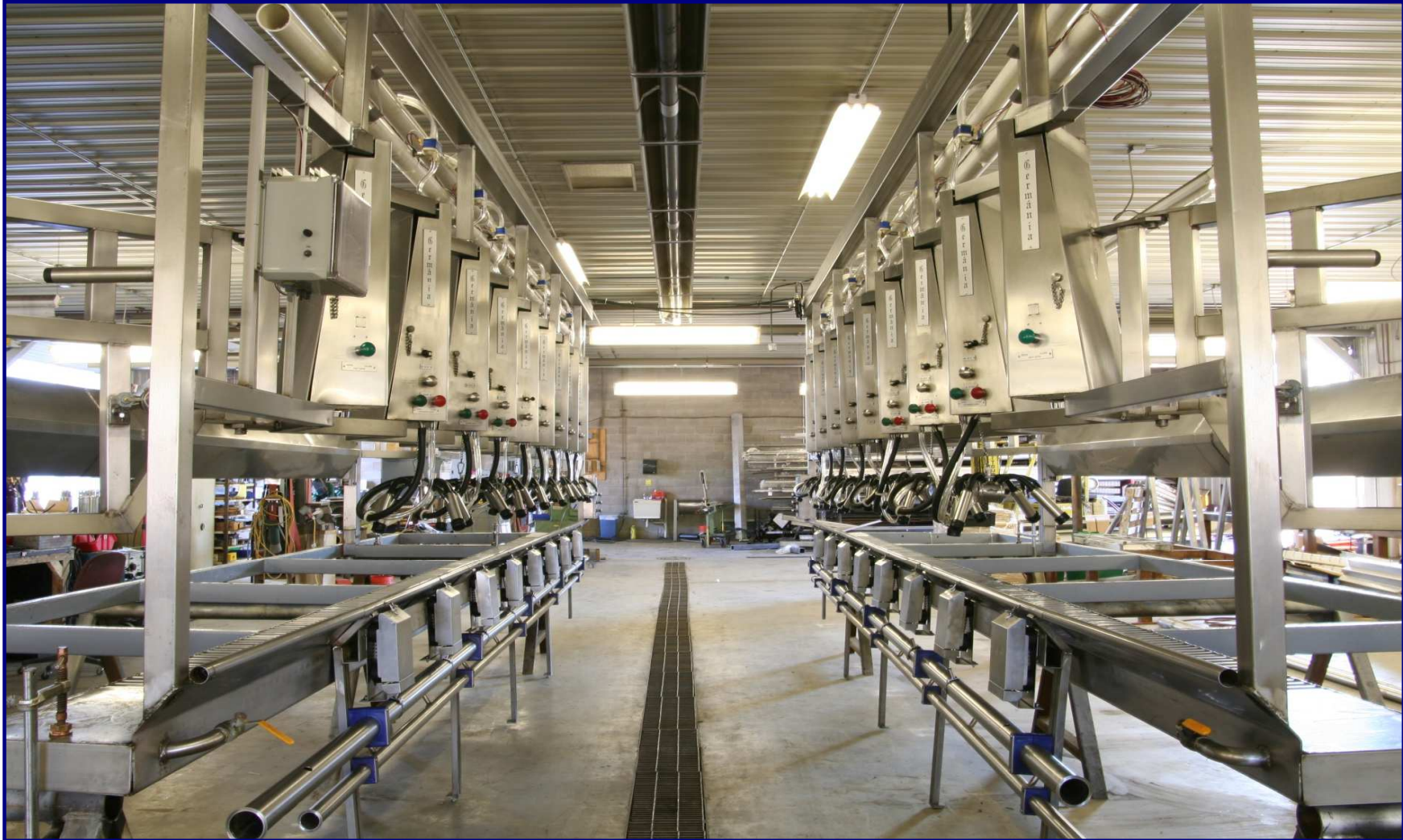


Model: Dbl. 8 Germania ProTime ParaBone

This is a *Remanufactured* Original Germania Parlor - With some *New* Equipment

Key Features: Rapid Exit - Automatic Indexing - All Stainless - 30" Cow-to-Cow Spacing

Prepared for: WS # 196





Germania dbl. 8 ProTime ParaBone. Picture taken of Parlor # 103 (Automatics are a different style) - at TechForAg Plant

<i>QTY</i>	<i>Units</i>	<i>Description</i>			<i>Cost to End-user</i>
		Germania ParaBone Stalls - Rapid Exit			
		<ul style="list-style-type: none"> - All stainless RumpRails; 30" spacing - (2) Support posts per side - stainless - <i>Rapid Exit</i> Brisket Bar - stainless - Auto-Indexing (w/(4) 3" x 10" Cylinders) - stainless 			
16	Stalls				\$ 20,571

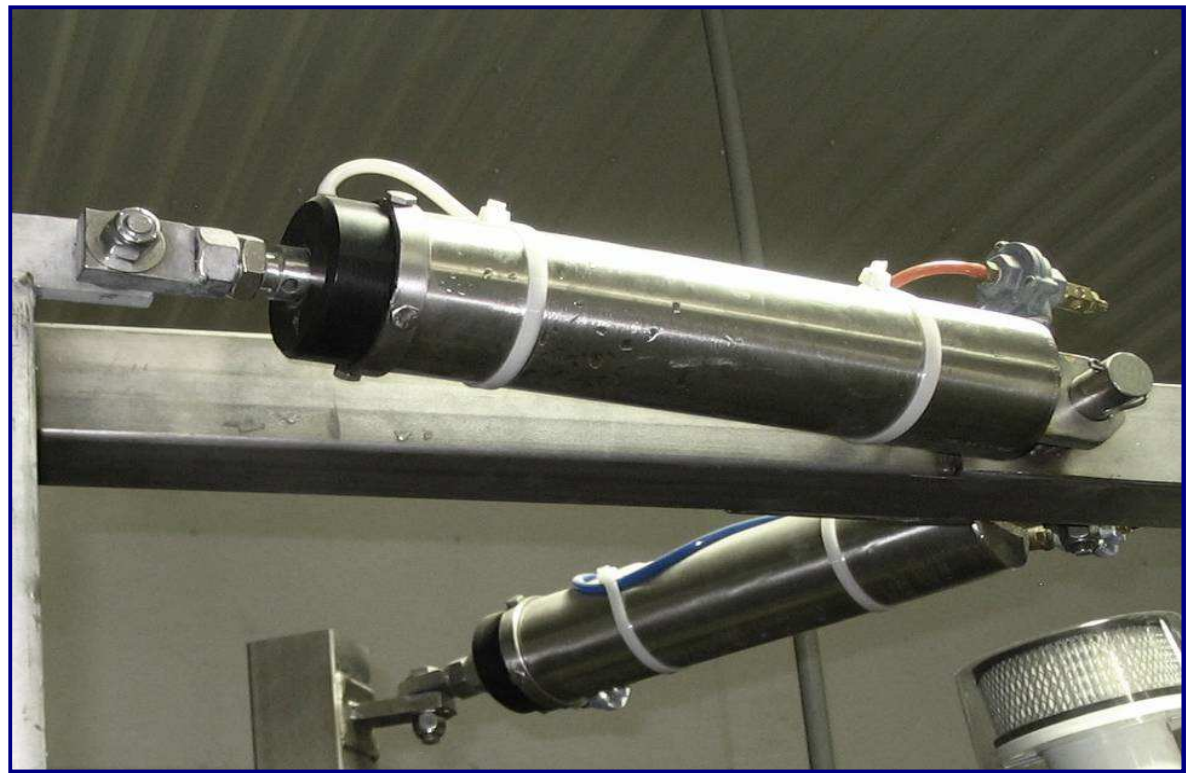


All-stainless Germania Brisket Bars. Self-supporting with no posts in the center. Therefore, no posts for the cows to walk around and no posts for you to clean around.

**If a cow goes down from milk fever you can easily get to her with the skid loader.
Upper Left: BrBar in indexed position
Lower Left: BrBar in Rapid Exit position
Above: Brisket Bar in normal position**

16	Stalls	3" x 5 "Overhead Support Structure There are no posts from RumpRail down to Curb!			\$ 3,429
16	Stalls	Stainless Curbing - no Gutter, no Grates			\$ 2,857
	Stalls	New Grates & Gutter; Remanufactured Curbing <i>All Stainless; All-in One Welded Structure</i>			\$ -
					

		Automated Cow Traffic Controls			
4	Groups	<ul style="list-style-type: none"> - (4) 3" x 10" stainless Gate Cylinders - (2) 3" x 10" stainless Indexing Cylinders - (4) 8-Button Cow Traffic Control Stations - stainless 			\$ 10,314
0	Group	<p style="text-align: center;">5-Button Control Station for Crowd Gate</p> <ul style="list-style-type: none"> - On PT-I: Buttons will be integrated into cover of last stall. - <i>On PT-II & ParaBone:</i> Buttons will be in separate Control Box 			\$ -



Cow Traffic Controls at last stall on either side of parlor, plus (2) remote panels in front. 3" cylinders operate Entrance & Exit Gate

0	24 ft x 55 ft	<p align="center">HERITAGE</p> <p>Heavy Duty All-Air Operated Crowd Gate - <i>New!</i></p>			\$ -
0	ft	<p align="center">C-4 x 6.5 lbs Crowd Gate Channel - <i>New!</i></p> <p>Welds very straight over 5 ft Span/Distance between Vertical Posts - Does not require any other re-enforcement or support</p>			\$ -



Heavy Duty, Germania-Style Crowd Gate; Air-Powered Gear Motor - no electric controls what-so-ever.

Lifts anywhere in Holding Pen and returns overhead cows to rear of pen. Air Motor shuts off automatically, both on front and back.

Heritage Gates up to 25 ft wide come with 4" easy-to-service all-stainless cylinders

Holding Pen Fence, galvanized

with 3" verticals @ 5 ft on center per 20 ft section of fence;
 (4) 1 1/2" Pipe Horizontals @ 12" o/c

Normally, your Contractor provides the Holding Pen Fences.
 We'll provide them if he doesn't want to or can't @ \$74/ft les

0 ft

\$ -

2 x 10 ft V-Lane Fences from H.P. into Parlor...

@ \$74/ft less 15%

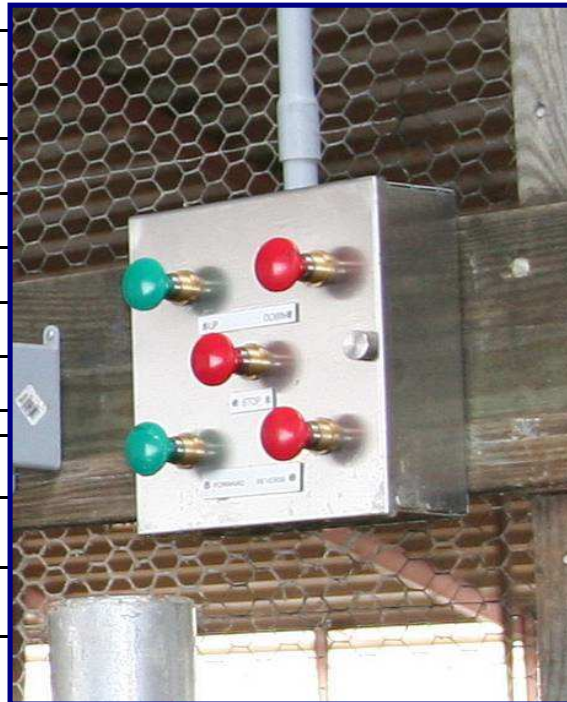
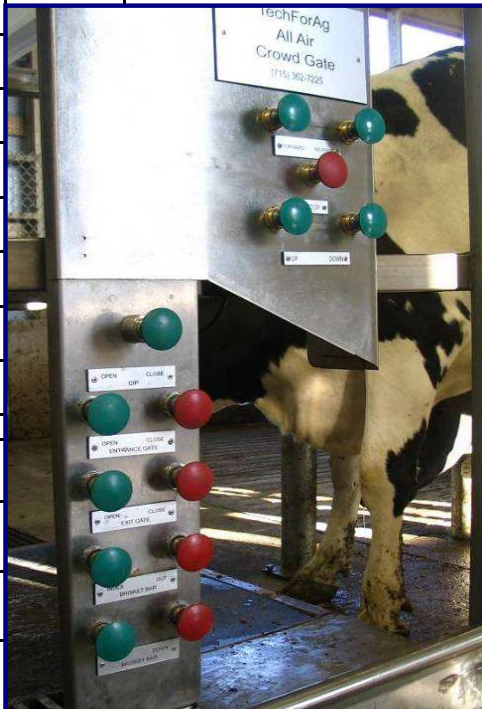
Stainless fences optionally available

0 ft

\$ -

Three Crowd Gate Control Stations:

Cost include
with Cr-G.



*Left: Main Control station in back of parlor
 Center: Remote Controls in back of Holding Pen
 Right: Two extra buttons in front of parlor to reduce walking*

Germania Model PB No-Arm TakeOffs
**Remanufactured Germania Units - 18 Months Warranty - Same as
New**

16 Units

All-Air, All-stainless

\$ 21,714



No electronic controls what-so-ever; with 2-min start-up Timer;
Very short end-of-Milking Timing
(Needs different picture - Legacy 7000 shown, not Model E)

Germania Top Outlet Claw-Clusters
Remanufactured

- Air Forks - 06 Shells - 60" Milk Hose - 108" Pulsation Hose
- Short air tubes - Liners of your choice: *Brand & Model* ____?____
- DeLaval Delatron Pulsators
- All **New** Silicone Rubber

16 Units

\$ 7,771



		Pulsation System			
16	Stalls	<ul style="list-style-type: none"> - 3" PVC Pulsation line with hoses, fittings & wiring harness - 3" PVC FreshAir line with fittings & hoses - (2) FreshAir Filters - (2) 3" PVC Cross-Overs in front & back 			\$ 1,029
2	Units	DeLaval 20-unit Pulsation Controllers - New! <i>Electrician provides 120 volt receptacle nearby- bid separately!</i>			\$ 2,143
		<i>2nd Controller serves as Stand-By - wired for instant change-over - No tools required</i>			



		HERITAGE			
		CIP - Receiver Combination Group			
0	Stall Equip.	This group combines the traditional Receiver Group and the entire CIP System into a single pre-assembled aggregate - pre-plumbed, pre-wired and palletized			\$ -
		26" x 18/26" Receiver - which is also the Wash Vat for the CIP Cycle - Remanufactured; with 3" U-bend and 3" x 3" Moisture Trap			
		- (1) 4" x 33" Sock Milk Filters with 1 1/2" side outlet - New! - 1 1/2 hp Milk Pump - New! - LL probe for milk level - (Float Type) - New!			
		- (1) LLC Probe to determine water level (Float Type) - New! - 1" Input Group with hot and cold water valves + (3) chemical input ports - New! Water supply lines to Omal valves should be at least 1" diam for shortest possible wash-up time			
		- 1 1/2" Ball check valve with AirBlowOut of Restmilk- New!			
		HERITAGE C-12.5 Pipe Line Washer with (3) peristaltic chemical pumps - New! - All MAC Interface Valves			
		<i>Electrician supplies:</i> - 220 Volt, single or three phase to this Group			
		<i>Plumber s upplies:</i> - Hot & Cold water to the input group			
		<i>Groups comes with a stand-by milk pump and a stand-by Variable Speed Drive</i>			
0	Unit	4500 lbs/hr Plate Cooler			\$ -

1	Group	<p align="center"> Traditional Receiver Group Partially New - partially Remanufactured 1 1/2hp Milk Pump with Dog House (1) 4" x 33" Milk Filter Moisture Trap, 3" PVC Shut-Off Valve 3" Valve in Low-Line Air Injector Variable Speed Drive for better cooling, etc. </p>			\$ 4,286
1	Unit	<p align="center"> Automatic CIP System C-125 Pipe Line Washer (3) Peristaltic Chemical Pumps (50) GI vertical, enclosed Wash Vat Air Injector Several Drains </p>			\$ 6,429
90	ft	<p align="center"> 1 1/4" Black Water Hose - New! </p>			\$ 450
		<p align="center"> <i>Plumber provides water with 1 1/4" supply lines to these hoses - Bid separately!</i> </p>			
1	Units	<p align="center"> Stainless Pit Steps - (4) steps, 30" wide - New! with 1 1/2" stainless Hand Rail </p>			\$ 714

		7.5 Hp Vacuum System - New!			
1	Group	<ul style="list-style-type: none"> - 10 hp Oil Vane Pump - New! - Pre-Filter, Check Valve; Exhaust Silencer, Safety Valve, etc. - 4" Header line to Pulsation and Receiver Group 			\$ 4,375
		- Includes Frequency Controller - New!			
		<i>Electrician provides 220 volt single phase to this Group - Bid separately! ___single or ____3 phase?</i>			
		<i>Need to discuss Stand-By Pump! Could you use your current pump?</i>			
16	Stalls	3" Pipeline - Remanufactured Single Loop, double slope line, with nipples, fittings, all clamps, gaskets and brackets.			\$ 2,857
16	Stalls	2" CIP Line - with nipples, fittings, all clamps, gaskets & brackets. - Lines will be dead-ended at rear of parlor - includes Sweep Y at front of parlor			\$ 1,714
80	ft	2" Discharge Line - New! from Filter @ Receiver Group to and past Milk Tank and back to the CIP-Rec. Group, with all brackets and fittings. Includes safety switch at Milk Tank			\$ 2,857
0	ft	2 x 16 ft Temporary Curb Extensions in Front from Exit Gate to Breezeway Wall. Includes concrete guard.			\$ -
0	Stalls	1" Kraiburn Rubber Mats (Made in Germany) - New! Includes Installation Labor & Supplies			\$ -
1	Group	On-Farm Spare Parts Kit (Contains only new parts) includes all essential parts for at least (1) year of operation (2) sensors, a retract cylinder, at least (1) of each of all air valves			\$ 2,143

		Traditional CIP Cup Holders (Wire Rack)			
16	Units	Match Jetter Cups to Inflation - <i>Brand & Model #</i> _____			\$ 823
2	Units	<p style="text-align: center;"><i>Stainless</i> - Modular Platforms for 8 stalls each</p> <p>The structural bases of the Modules; Height of your concrete cow platform should be 34" - if you are comfortable with a 38" working height.</p> <p>To be discussed!</p>			\$ 3,571



We build our parlor modules on platforms, a frame work made form 2" x 4" steel tubing and usually 53" wide x 50.6 ft long for the typical dbl. 12. Normally, we slide the Modules into place on this steel frame work, pushed by a Skid Loader.

Summary Page

		Sub-Total Materials			\$ 92,460
		Less 15% Factory-direct Discount			\$ (13,869)
		Parlor Materials after Factory-direct Discount			\$ 78,591
		Plus 15% Pre-Installation Labor and Supplies provided by TechForAg at it's factory to convert the above materials into a <i>Ready-To-Milk</i> Modular Parlor			Included
1	Truck	Freight - \$650 in Wisconsin 1 truck for this project			\$ 650
		On-Site Installation Labor, Supplies & Expenses 2 Installers - 8 days @ 12 hrs @ \$75/hr			\$ 14,400
		Start-Up of Milking 1 Parlor Specialist - 2 days @ 12 hrs @ \$55/hr			incl.
		Grand Total			\$ 93,641
		Per Stall			\$ 5,853