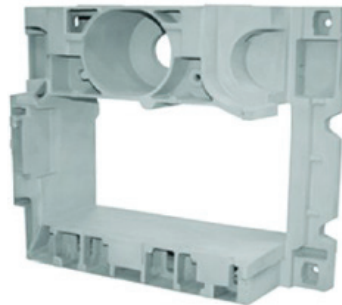
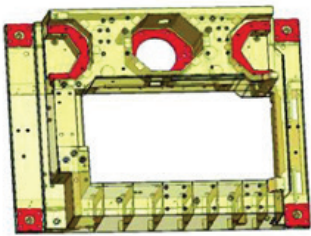


Combined 85 Welded Parts Into 1 Machined Casting

Welded Assembly Alternatives –

Replaced Welded Steel Assembly with a Machined Stable-Cast® 6 Casting



Part Size: 33" x 26" x 11"

Welded Steel Assembly (85 parts)

Assembly & Material:	\$ 4,895
Machining Cost:	\$ 1,200
Total Cost:	\$ 6,095

Machined Stable-Cast® Casting

Pattern:	\$ 28,545
Casting:	\$ 1,474
Machining:	\$ 325
Helicoils:	\$ 85
Total Cost:	\$ 1,884

- Combined 85 Parts into 1 and eliminated complicated assembly
- Reduced weight by 20%
- Improved stiffness by 24%
- Improved stability
- Machining fixture simplified by using precast mounting holes
- Eliminated other sheet metal brackets by casting them into the part

MACHINED STEEL ASSEMBLY versus MACHINED PALMER STABLE-CAST® CASTING

Per Part Savings: \$ 4,211 (or 69%)

Pattern pays for itself after 6.8 units

“ Over 10,000 Vacuum Chambers shipped worldwide! ”

For more information about Palmer Foundry, call us today at 413-283-2976 or visit us on the web at PalmerFoundry.com.