

The Upper Hand

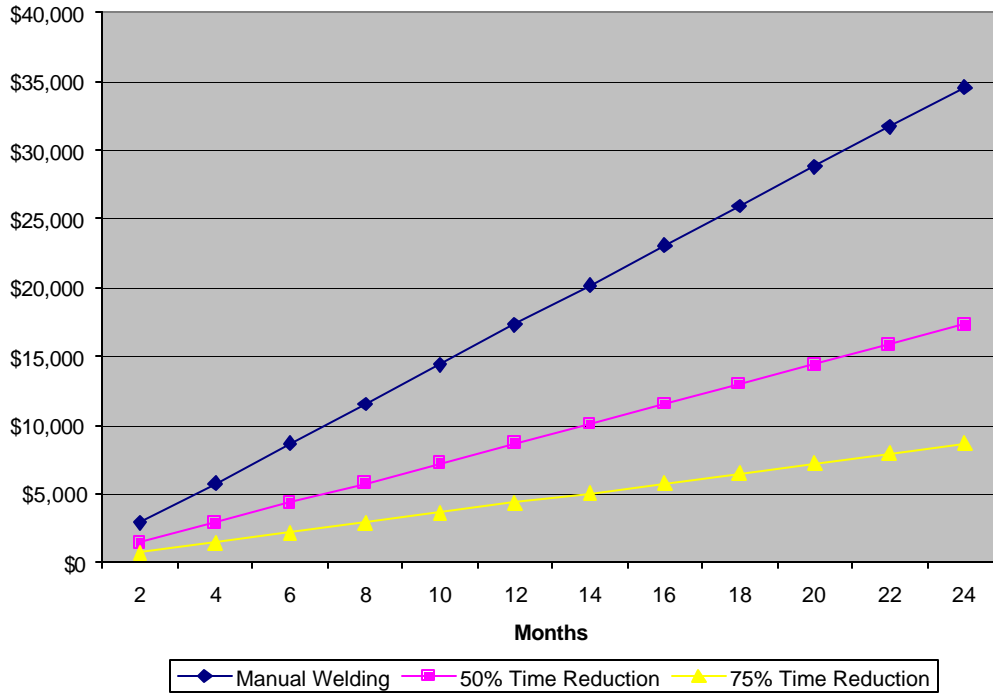
Advantages of Bortech BoreWelders vs. Hand Welding

BoreWelder Features	Benefits
Operates at a lower voltage, with no stops and starts, and maintains a very consistent arc length.	<ul style="list-style-type: none"> ✍ Reduce welding time -- arc time can increase 100% vs hand welding ✍ Less distortion of the workpiece ✍ Extend the life of consumables (use fewer of them) ✍ Welds I.D.s that cannot be welded by hand
More consistent weld build-up in all welding positions, less weld deposit, and fewer voids and hard spots	<ul style="list-style-type: none"> ✍ Smooth, consistent welds ✍ Reduced machining time by up to 50% ✍ Less wear and tear on your tooling, boring equipment and consumables
Automatic out-of-round correction capability (pie mode and carriage return)	✍ No pre-boring required (no need to manually fill a void or to oversize the bore to make it round)
Better working conditions	<ul style="list-style-type: none"> ✍ Healthier -- no need to keep your face in the smoke and gas ✍ Eliminate tedious, repetitive motion ✍ Weld in areas that cannot be reached by hand
Ability to focus on other tasks while BoreWelding	✍ Free up operator to work on other jobs, which require hands and brains
Ability to weld one set of bores while machining another	✍ Time on job can be cut in half
Bore diameter range of .5" to 144"	✍ Weld in bores that are too small to weld by hand, or are too large to weld with good consistency in a timely manner
Quick Set-up	<ul style="list-style-type: none"> ✍ Interfaces with all portable machine tools (one set-up operation) ✍ Light, portable equipment for field operation or permanent mounting inside your shop
Multi-Axis Welding	✍ Can weld in horizontal or vertical axis, more consistently than hand welding



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Welding Labor Costs



(assuming eight hours of welding per week @ \$45/hr)

Month	Manual Welding	50% Weld Time Reduction	75% Weld Time Reduction
2	\$2,880	\$1,440	\$720
4	\$5,760	\$2,880	\$1,440
6	\$8,640	\$4,320	\$2,160
8	\$11,520	\$5,760	\$2,880
10	\$14,400	\$7,200	\$3,600
12	\$17,280	\$8,640	\$4,320
14	\$20,160	\$10,080	\$5,040
16	\$23,040	\$11,520	\$5,760
18	\$25,920	\$12,960	\$6,480
20	\$28,800	\$14,400	\$7,200
22	\$31,680	\$15,840	\$7,920
24	\$34,560	\$17,280	\$8,640

