

PURCHASE COST AND OPERATIONAL COST COMPARISON OF SW- OAB-300-12 (shrink-wrap machine with basic tunnel) with Pure Steam vs. CONVENTIONAL 30 BHP BOILER

2015 Prices

Please note that this is an approximate comparison as condition and prices may vary.

	MHI's SW-OAB-300-12	Conventional Boiler used in Shrink Label Package (30BHP Boiler)
Boiler Certification, re-certifications	Not required	Regular and repeating certifications required
Energy Usage per hour Assumes 7c/kWh + 3c/kWh demand charge	Very low \$1.20 (@12kW, @10c/kWh)	High \$30 (@300kW, @10c/kWh)
On-demand operation (On/Off)?	Yes	No. Generally additional 4 hours for ramp up and cool down
Energy cost per 1 shift 10 hour	\$12	\$300
Energy Cost per 2 shifts 20 hour	\$24	\$600
Energy Cost per day (3 shifts of 8 hr each)	\$28.80 (24 hrs)	\$720 (24 hrs)
Installation Cost	None	About \$30,000
Approximate Purchase price of equipment	Call and be surprised at the low cost.	\$127,000 Total
Monthly leasing cost (approximate, 4 year lease @4%)	~\$1198 (needs qualification)	~\$3169 (approximate)
Safety and Simplicity	No pressure vessels. Compact, mobile, can be re-located at point of use	Pressure vessel hazard. Piping of steam from remote fixed location
See Technical Features on for more details		

	SW- OAB-300-12 System	Conventional Boiler
Annual energy cost (8 hour shift, 220 days)	\$2112 8hrs/day	\$52,800 8hrs/day
Water consumption, gallons	21,120	528,000
Annual energy cost (20 hour shift, 250 days)	\$6000 20hrs/day	\$150,000 20hrs/day
Water consumption, Gallons (approximate)	15,000 Gallons of Water	375,000 Gallons of Water

- *Savings estimated do not include those from: absence of certifications, possible production benefits from higher steam temperatures, higher throughput, quality, etc.*

- *Recovery of the cost of OAB -12 is under one year.*
- *MHI offers One Year Limited Warranty*
- *MHI's Never-Down Program allows uninterrupted operation at a low, fixed price.*