

## Dish Machine ROI Assessment

Key Cost Assumptions	
HOBART Machine Cost	\$ 40,000.00
Labor Cost/hour	\$18.00
Manual Labor Cost Minutes/Tray	3
HOBART Water use Gallons/20 trays	2.8
Manual Water use Gallons/20 trays	10
Hobart Accessories/Extended Warranty	Not Included

### Side by Side Comparison

# Trays	Hobart Wash (in Minutes)	Manual Wash (in Minutes)
20	2	60
100	10	300
150	16	450
200	20	600
<b>Total Hours</b>	<b>0.8</b>	<b>23.5</b>

### Estimated Cost based on # Trays

Fairmont HS Trays Used	# Trays
Cooking Prep Area - Lunch	108
Remaining Breakfast	12
Fridge/Staged	14
Other Misc.	19
<b>TOTAL Trays Per Day</b>	<b>153</b>
<b>Total Min/Day</b>	<b>459</b>
<b>Total Labor Cost/Day</b>	<b>\$137.70</b>

### Estimated Costs based on FTE's

MANUAL Washing	# FTEs	# Hours/FTE	Total Hours
Breakfast Tray Labor (Dish Wash)	1	1.5	1.5
Lunch (Pre Serving)	1.5	1	1.5
Lunch (During)	2	2.5	5
<b>TOTAL Per Day</b>	<b>4.5</b>	<b>5</b>	<b>8</b>
<b>TOTAL Cost Per Day</b>			<b>\$144.00</b>
<b>TOTAL Cost Per School Year</b>	<b>180</b>	Days	<b>\$25,920.00</b>

### Break Even Point

Equipment vs Labor Cost (Number of School Years)	1.54
Water Reduction (Percent Saved)	72%