

# WIM Box Opener

## Man - Machine - Comparison

### Employee

### WIM Box Opener

#### Capacity

Boxes opened per hour (max)		125	500
Boxes opened per day	8	1.000	4.000
Days in operation / year		200	250
Capacity: Days in operation x boxes per day		200.000	1.000.000
Ratio		1	5,0

#### Costs

WIM purchasing price			140.000
Accessories, transport, installation, orientation			10.000
<b>Total</b>			<b>150.000</b>
Full amortization: 8 years, 6 % interest	<i>monthly</i>		1.970
	<i>yearly</i>		<b>23.640</b>
Materials (blades)	<i>yearly</i>		3.000
Energy usage	<i>yearly</i>		800
<b>Version without maintenance</b>	<i>yearly</i>		<b>27.440</b>
Costs	<i>yearly</i>		<b>23.640</b>
Full service maintenance (incl. Blades)	<i>yearly</i>		11.760
Energy usage	<i>yearly</i>		800
<b>Version incl. Maintenance</b>	<i>monthly</i>		<b>3.017</b>
	<i>yearly</i>		<b>36.200</b>
Monthly wages - 168 hrs at \$8.50	\$	1.430	
Social contributions / personnel costs	70%	1.001	
<i>monthly sum</i>	\$	2.431	
Monthly costs for all employees	5,0	12.155	
Annual costs for one employee	\$	29.172	
Annual costs for all employees	5,0	<b>145.860</b>	

### Savings/year (incl. Maintenance)

**\$109.660,00 = 75%**

### Cost per box in cents

14,6

3,6

#### Work safety

Physical stress	yes	no
Risk of injury	yes	no
Risk of damaging goods	yes	no
Work-related injury insurance	yes	-
<b>Processing of the boxes</b>	chaotic	chaotic
<b>Management / Accounting / HR</b>	burden	relief

**A - L - S**

**ALS Automatic Logistic Solutions GmbH**

Josef-Kogler-Str.- 8 \* 82031 Grünwald - München (Germany)  
 Tel. +49 89 548446-0 \* E-Mail: office@box-opening-system.com  
 Internet: www.box-opening-system.com