

**Profitability and comparison study between VALPAK & Hydraulic downstroke Baler**

fill in data

calculated area

	<b>Valpak</b>	<b>Baler</b>	
Weight bale (kg) min/max	350 - 450	300 - 500	
Loading aperture (mm)	1300	1520 x 610	
Target weight per bale (kg)	400	400	
Weight 1 carton (kg)	0.60	0.60	
Dimension flat (mm)	650 x 1000	650 x 1000	
Cartons/bale	667	667	
Cartons/stroke	n/a	20	
Time per stroke	continuous	58	sec.
Total stroke time per bale	n/a	32.2	min
Time to load/unload bale	4.0	5.0	min
Flattening time per carton	n/a	5	sec.
Total time flattening	n/a	55.6	
Filling press	3	5	sec.
Total time filling per bale	33.3	55.6	min
<b>Total time 1 bale</b>	<b>37.3</b>	<b>148.3</b>	min
	<b>0.62</b>	<b>2.47</b>	hr
Total carton weight/month	15000	15000	
Total bales/month	37.5	37.5	
Labour cost/hr all incl.	\$25.00	\$25.00	
Labour cost per bale	\$15.56	\$61.81	
<b>Labour cost/month</b>	<b>\$583.33</b>	<b>\$2,317.71</b>	
<b>Lease / mth (5 yrs, no resid)</b>	<b>\$580.00</b>	<b>\$400.00</b>	Latter estimated
Bag cost per bale	\$5.00		
Total bales/month	37.5		
<b>Total cost bags /month</b>	<b>\$187.50</b>		
<b>Strapping per month</b>		<b>\$20.00</b>	Estimated
<b>Total cost per month</b>	<b>\$1,350.83</b>	<b>\$2,737.71</b>	

