

Magnetic Platens - Cost Benefit analysis



1. Moulding Machine Operation Time

Days of week production	7 Days
Average number of Hours of production per day	22 Hours
Working Weeks per year	50 Weeks
Total number of production days pa	350 days

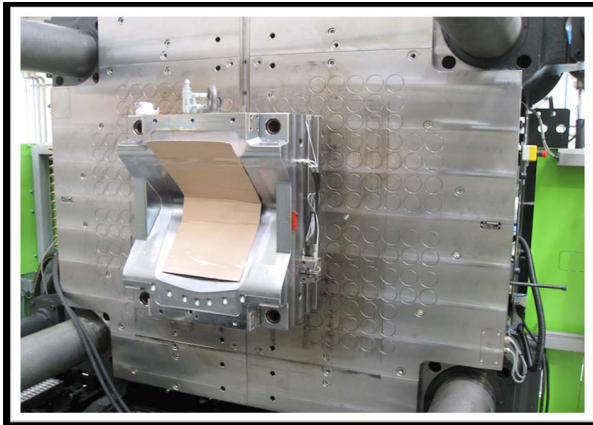
2. Mould change frequency

Machine type and qty		m/c rate £	Tool changes per day	Change times (mins)		
				Current	With Mag Platens	
400t-600t	2	£ 52.00	2	60	16.2	
Cumulative down time (mins per day)				240	65	
as proportion of available m/c time				18.2%	4.9%	
Value of downtime per day				£208.00	£56.16	£151.84



Value of additional saleable machine time pa	£53,144.00
Additional machine time made available	13.3%
Gross Profit Margin	40%

4. PAYBACK SUMMARY



TOTAL ADDITIONAL PROFIT PA	£21,257.60
COST OF EQUIPMENT (as per quotation)	£15,000.00

PAYBACK (weeks)	36.7
PAYBACK (years)	0.7