

833-868-2500 totalwarehouse.com

Space-Utilization

	SPACE - UTILIZATION							
_	MAKING MONEY FOR OUR CUSTOMERS	STHROUGI	+ PRODUCTIV	E NARROW	AISLE STO	RACE		
						KAGE		
	Example with data entered for ABC Co. 4 hig	, ,			load trailers			
	Justification Analysis for up to 4 Different Storage System	ıs - insert data iı	n yellow blocks only	, ,				
1	System A	Front Loader						
2	System B	Reach						
3	System C	Bendi						
4	System D	Drexel						
5	Load Length	48		Loads stored	calculator			
6	Load width	40						
7	Flue space	6	space available	60000	Α	В	С	D
8	Aisle aize A		levels high	4	Front Loader	Reach	Bendi	Drexe
9	Aisle aize B	108	-	tal loads stored		6,929	8,084	8,98
0		78	End aisles and cr			0,929	0,004	0,70
	Aisle aize C		End aisies and cr	oss aisie not inc	riuded			
1	Aisle aize D	60						
2	Number of loads to be stored*	8,982						
3	Construction or 5 yr. Rental cost /sq. ft.	\$ 50.00						
4	Number of trucks A	4		L				
5	Number of trucks B	6	4 reach and 2 fron	t loaders				
6	Number of trucks C	4						
7	Number of trucks D	4						
8	Average purchase cost per truck for A	\$ 25,000.00						
9	Average purchase cost per truck for B	\$ 27,000.00	$=(4 \times 28,000 + 2 \times 2)$	25,000)/6				
0	Average purchase cost per truck for C	\$ 59,000.00						
1	Average purchase cost per truck for D	\$ 67,500.00						
2	Building maintenance cost per sq. ft. per year	\$ 1.25						
3	Number of operating hours expected in 5 years	10,000						
4		\$ 1.60						
5	Average hourly cost of maintenance per truck B	\$ 2.27						
6	Average hourly cost of maintenance per truck C	\$ 1.95						
7	Average hourly cost of maintenance per truck D	\$ 2.00						
8	Number of forklift operators A	4						
9	Number of forklift operators B	6						
0	Number of forklift operators C	4						
1	Number of forklift operators D	4						
2	Operator cost per hour with burden							
_	Operator cost per nour with burden	\$ 20.00						
-1	5 year cost comparison	6 hiah	5 hiah	4 biab	3 high	7 high		
-	5 year cost comparison Front Loader	6 high \$4,412,667	5 high \$5,096,000	4 high	\$7,829,333			
-	Front Loader Reach	\$4,412,667	\$5,096,000	\$6,121,000 \$5,921,200	\$7,829,333	\$3,924,571 \$4,046,200		
-	Reacti Bendi	\$3,646,000	\$4,146,000	\$4,896,000	\$6,146,000	\$3,288,857		
-	Drexel	\$3,432,000	\$3,882,000	\$4,896,000	\$5,682,000	\$3,288,857		
4	Diexei	₽₽,₹₽₽,₩₩	\$5,002,000	ψτ,557,000	ψ5,002,000	Φυ,110,0/1		
-	Additional profit in 5 years vs system D				+			
-1	ı v	£000 ((7	£1 214 000	¢1 5 (4 000	\$2 147 222	6014 000		
-1	Front Loader	\$980,667 \$1,030,867	\$1,214,000 \$1,164,200	\$1,564,000 \$1,364,200	\$2,147,333 \$1,697,533	\$814,000 \$935,629		
4	Reach Bendi	\$1,030,867	\$1,164,200 \$264,000			\$935,629 \$178,286		
4	Bendi	5414,000	\$404,000	\$339,000	\$464,000	\$178,280		
-1	C	(11.)	5111	41	21:1	71: :		
4	Cost per pallet	6 high	5 high	4 high	3 high	7 high		
4	Front Loader	\$491.25	\$567.33	\$681.44	\$871.63	\$436.92		
4	Reach	\$496.84	\$561.78	\$659.20	\$821.55	\$450.46		
4	Bendi	\$405.90	\$461.57	\$545.06	\$684.22	\$366.14		
4	Drexel	\$382.08	\$432.18	\$507.32	\$632.57	\$346.29		
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_[Savings per pallet vs. system D	6 high	5 high	4 high	3 high	7 high		
_	Front Loader	\$109.18	\$135.15	\$174.12	\$239.06	\$90.62		
	Reach	\$114.76	\$129.61	\$151.87	\$188.98	\$104.16		
	Bendi	\$23.82	\$29.39	\$37.74	\$51.66	\$19.85		1