lot size

| | 02)3433-7712 | madmax91@mail.ssyenc.co.kr

.

가 . IMF

.

가 .

. 가 . ,

, 가 .

2.____

2.1 (Material)

· , , , , ,

가 . (Raw Material)

. 가 20 30%

.

2.2 가

(Material Handling)

가 .
(Purchase)
(Control of Inventory)

, 가 , 가 , , , , , ,가, 가가

, , 가

.

기 :

가 :
, , ,
가 .
: 가

, 가 가 가가

2.3

가 , 가 . 가

, 가 .

, 가 , 가 ,

가 가

3. (Inventory) 가

.

가 가

, , 가

. 가가 .

3.4 4.2 (static (dynamic lot sizing) 가 lot sizing) (Master Production Schedule FOQ, EOQ : MPS), (Inventory Record File: 3.1 IRF), (Bill Of Material : B/M) 가 LFL, LTC, Lot Size LUC, S-M FOQ(Fixed Order Quantity) 가 3.2 1] 가 MRP 3.5 2] EOQ(Economic Order Quantity) 가 Master Prodution Schedule(MPS) 4. (Lot) (inventory carrying cost) Bill fo Material Calculating MRP 3.3 File(B/M) 4.1 FPR(Fixed Period Requirement) Inventory File (lot (Material sizing) MRP output Requirement Planning: MRP) (period) (quantity) [1] IBMEOQ(Modified EOQ) (J. Orlicky) EOQ (Dependent demand EOQ-Duct inventory) LFL(Lot for Lot) DOQ(Discrete Order Quantity) 가 (maximum), (minimum) (multiples)

[2]

MRP

Technical

POQ(Periodic Order Quantity) Critical EOQ EOQ EOQ EOQ 5.1 가 , 3가 LUC(Least Unit Cost) (unit cost) Mixed Concrete) LTC(Least Total Cost) EOQ LTC(Modified LTC) LTC LTC S-M(Silver and Meal) 5.2 Groff [3] Gene Groff가 (marginal cost) Wagner-Whitin 가 가 Norman 5. 가 [3] Cycle

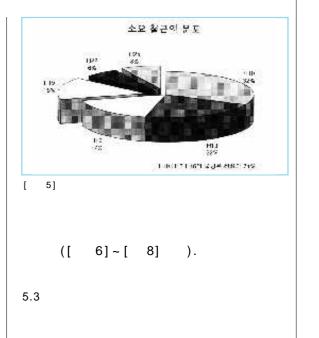
(Ready 가

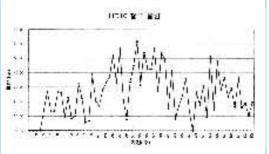
가

가 Diameter

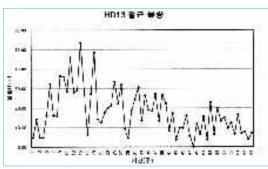
가 71%

Diameter

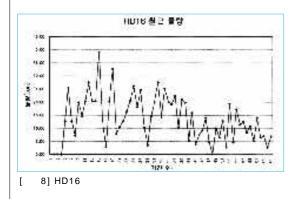




[6] HD10



[7] HD13



Job Shop, Project

•		가	
Ton	가	- 1	

< 1>			
	Cost of Ordering	Cost of Carrying Inventory	
Flow Job	Low	High	
Job shop	High	Low	
Projects	Extremely High	Low	
FPS	Low	High	

*FPS : Flexible Programmable System

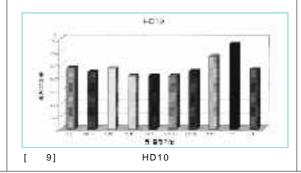
Project

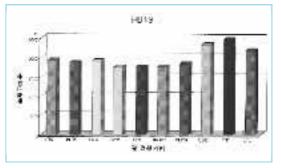
		Flow Jo	bb
20%			
875 /ton	-	1	
,	,		,

26,250

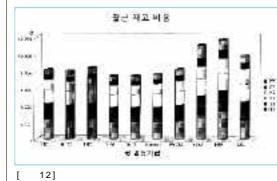
5.4

= (×)
+ 1	×		
Dia	meter		
	가		
		[12]
Gro	off		가



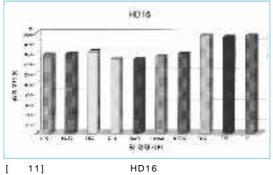


HD fo



FRP LFL 20-30% 가

[10] HD13



가

가

Silver-Meal Norman

Groff

Groff , Silver-Meal , Norman

가

2. Martin K. Starr, Managing Production And Operation, Prentice-Hall International Edition, 1989.

3. 7 , , , 1998.2

가