

! Keywords: Demand Backlog / Forecasting / Inventory / Marketing / Material Requirements  
Planning / Product Management / Production / Reorder Point / Uncertainty;

MIN 1.04 UM + 2.6 UB + 1.16 RM + 5.2 RB + 1.9 TM + 3.1 TB  
+ 0.2 SM + 0.25 SB + 0.22 WM + 1.4 WB + 0.26 CM + 0.96 CB  
+ 0.16 HM + 0.19 HB + 0.04 PM + 0.07 PB + 0.03 LM  
+ 0.05 LB

SUBJECT TO

UNICYCLE) UM + UB = 100  
REGULAR) RM + RB = 500  
TWINBIKE) TM + TB = 200  
SEATS) - UM - RM - 2 TM + SM + SB = 0  
WHEELS) - UM - 2 RM - 2 TM + WM + WB = 0  
CHAINS) - RM - 2 TM + CM + CB = 0  
HUBS) - WM + HM + HB = 0  
SPOKES) - 36 WM + PM + PB = 0  
LINKS) - 84 CM + LM + LB = 0

END