Chapter 4 Rush time analysis (The entire processing time has to be considera La Jalle time calculation
La Depends on the bottleneck resource. Lo The labour cost is dependent on the entire process. Schlumberger is a demand constraint, industry Processing time 13 minlunit 11 lunit 8 lunit Capacity (1/13) unithmin 1 unit 1 Process capa Min (Cw1, Cw2, Cw3) = 4061 units lhr. Flow rate Demand = 125 units week = 3.87 whr min (Pro cap, demand, 8 upply) = 3.57 units he Cycle time. 113.87 = 16.8 minst unit Idle time 16.8-13 | 16.8-11 5-11 | 168-8 Its Demand 2 3.57
Capacity 60×1113

Capacity 60×1113

Capacity 60×1113 => Reallocation or laway from

Lower off the toothereck

S For rutilization. -ined) [Demand flow rate > Process flow rate]

Consubilization between the testion reverse improves to the testion of the testion ostanon penstanio monto > Increase Peocess eapacity + load balancing - s.t to the resource. A literingation of all resources - 100% RUX of direct labour = 51- Replicate sweetend Process flow within tous (Act i) in whatever sequence Lakot + Processing Pros to make use of experiencedworky 668 slunit this to be process copacity constraintion laring 8. J. units produced (Exportugat) Total wages (150 purvey) Ly of workers x - Requested capacity operation. = Request capacity 0000 sequence of Laprof 11 sans Recessing anish

