

Scheduling Report

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1 Introduction

Table 1: Problem

Name	Timepoints as Date	Nr Products	Nr Process	Nr Disjunctive Resources	Nr Cumulative Resources	Nr Orders	Nr Jobs	Nr Tasks
P1	true	5	5	6	1	20	20	60

2 Orders

Table 2: Orders (Total 20)

Name	Product	Process	Qty	Release	Due	Earliness Weight	Lateness Weight
Order0	Prod1	Process 1	5	0	2,470	1.00	1.00
Order1	Prod4	Process 4	1	0	2,845	1.00	1.00
Order2	Prod1	Process 1	7	0	752	1.00	1.00
Order3	Prod1	Process 1	9	0	2,873	1.00	1.00
Order4	Prod1	Process 1	2	0	506	1.00	1.00
Order5	Prod4	Process 4	6	0	2,203	1.00	1.00
Order6	Prod3	Process 3	4	0	869	1.00	1.00
Order7	Prod3	Process 3	4	0	2,728	1.00	1.00

Name	Product	Process	Qty	Release	Due	Earliness Weight	Lateness Weight
Order8	Prod4	Process 4	8	0	2,462	1.00	1.00
Order9	Prod1	Process 1	5	0	2,800	1.00	1.00
Order10	Prod0	Process 0	8	0	988	1.00	1.00
Order11	Prod3	Process 3	2	0	405	1.00	1.00
Order12	Prod4	Process 4	9	0	1,363	1.00	1.00
Order13	Prod3	Process 3	9	0	361	1.00	1.00
Order14	Prod1	Process 1	6	0	2,453	1.00	1.00
Order15	Prod3	Process 3	5	0	2,073	1.00	1.00
Order16	Prod4	Process 4	5	0	185	1.00	1.00
Order17	Prod2	Process 2	5	0	647	1.00	1.00
Order18	Prod1	Process 1	1	0	1,287	1.00	1.00
Order19	Prod0	Process 0	9	0	1,310	1.00	1.00

3 Solution

Table 3: Solutions (Total 1)

Name	SolverStatus	Objective			Makespan	Flowtime	Total		Total	Max	Model	Objective		Time
		Value	Bound	Gap			Lateness	Lateness		Earliness		Type	Type	
Sol1	Solution	157	71.00	0.55	157	2,609	0	0	28,971	2,775	CPO	Makespan		60.15