



WHAT IS UNIFORM WORKSTATION LOADS?

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|----|----|----|----|----|----|----|
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | 31 | | | | | |

WHAT IS UNIFORM WORKSTATION LOADS?

JIT MANUFACTURING HELPS ORGANIZATIONS MAINTAIN UNIFORM LOADS AT WORKSTATIONS

24000 CARS IN THE CURRENT MONTH

PRODUCTION IS CARRIED OUT 5 DAYS/WEEK

1200 CARS TO BE PRODUCED/DAY

PRODUCTION IS CARRIED OUT IN 2 SHIFTS

SHOULD PRODUCE 600 CARS/SHIFT



WHAT IS UNIFORM WORKSTATION LOADS?

SUPPOSE TOYOTA PRODUCES:

MODEL A = 150 UNITS



MODEL B = 200 UNITS



MODEL C = 250 UNITS



METHOD 01

REQUIRED QUANTITY OF A PARTICULAR TYPE OF CAR IS PRODUCED FIRST

THEN PRODUCTION OF ANOTHER TYPE OF CAR IS STARTED

MODEL A

150 →



MODEL B

200 →



MODEL C

250 →



METHOD 02

TOYOTA CAN ADOPT A METHOD IN WHICH A MIX OF VARIOUS MODELS IS PRODUCED IN SHORT REPETITIVE SEQUENCES

FREQUENCY OF REPETITION FOR EACH MODEL IS IN PROPORTION TO ITS DEMAND

PRODUCTION REQUIREMENTS OF A, B, & C ARE IN THE RATIO 3:4:5, TOYOTA CAN DEVELOP A PRODUCTION CYCLE OF 12 UNITS:

MODEL A



MODEL B



MODEL C



METHOD 03

TOYOTA CAN DEVELOP A PRODUCTION SEQUENCE OF:

MODEL A



MODEL B



MODEL C



MODEL B



MODEL C



MODEL A



MODEL B



MODEL C



MODEL B



MODEL C



MODEL A



MODEL C

