

WHAT IS TAKT TIME?



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MAKE ONE PARTICULAR DEPARTMENT EXTRA EFFICIENT

IT CAN ACTUALLY BURY OTHER DEPARTMENTS IN EXCESS INVENTORY AND PAPERWORK AND SLOW THEM DOWN

**HOW WOULD YOU
KNOW HOW FAST THE
PRODUCTION PROCESS
SHOULD BE?**

**HOW SHOULD BE THE
CAPACITY OF THE
EQUIPMENT BE?**

**HOW MANY PEOPLE DO
YOU NEED?**

TAKT TIME

WHAT IS TAKT TIME?

GERMAN WORD FOR RHYTHM OR METER

TAKT IS THE RATE OF CUSTOMER DEMAND – THE RATE AT WHICH THE CUSTOMER IS BUYING PRODUCT

AVAILABLE TIME = 8.5 HOURS = 510 MINUTES X 20 DAYS = 10200 MINUTES

TOTAL DEMAND = 20,500 UNITS

1020 UNITS PER DAY

1 UNIT EVERY 30 SECONDS

WHY USE TAKT TIME?

IF THE PRODUCTION STAFF GOES FASTER, THEY WILL OVERPRODUCE, IF THEY ARE GOING SLOWER, THEY WILL CREATE BOTTLENECK DEPARTMENTS

SET THE PACE OF PRODUCTION

ALERT WORKERS WHENEVER THEY ARE GETTING AHEAD OR BEHIND

WHEN SHOULD TAKT TIME BE USED?

APPLIED IN REPETITIVE MANUFACTURING AND SERVICE OPERATIONS

CAN BE EXTENDED TO ANY REPEATABLE PROCESS

EASIEST TO APPLY IN A RELATIVELY HIGH-VOLUME SERVICE OPERATIONS