

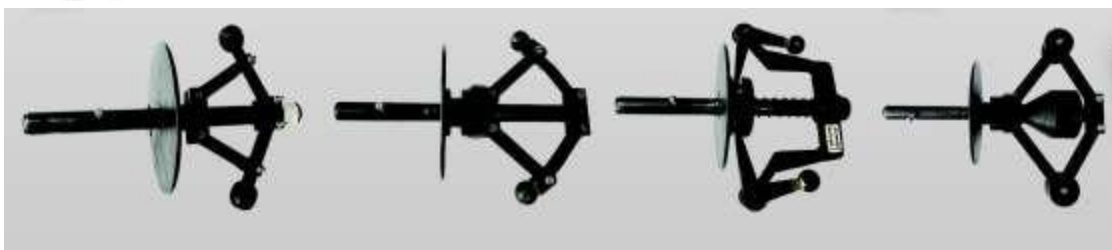
BASIC MECHANISM SYSTEM (Model : TMS-BMS)



Gear & Belt Drive BMS-I



Speed Governor BMS-II



Fly Ball

James Watt

Universal (Hartnell)

Porter

SALIENT FEATURES

- ◆ Basic Mechanism Systems Trainer have been designed to provide the industrial Mechanic Apprentice with all the tools to develop the understanding which is necessary to assemble, repair, overhaul mechanical systems used in modern machinery
- ◆ This trainer allows for measurements, proper removal and installation of belts and chains as well as examining mechanical components.
- ◆ Four independent table top standing, operatable, hard assemble setups are used for practice.
- ◆ Supplied along with manuals.

Model Name	TMS-BMS-I	TMS-BMS-II	TMS-BMS-III	TMS-BMS-IV
Mechanism	Gear & Belt Drive	Speed Governor	Clutch	Brake
Arrangement	Table Top Alluminium profile rack based.	Table Top chasis mounted vertically driven	Table Top coupled chasis horizontally driven	Table Top coupled chasis horizontally driven
Drive	Manual Wheel	Variable Speed : 200V/200W PMDC Motor with Standalone EMT9 Panel	0.5 HP DC integrated motor with standalone EMT9 panel with optionally speed & torque sensor	0.5 HP DC integrated motor with standalone EMT9 panel with optionally speed & torque sensor
Main Component	- Flexible Coupling - Worm and worm wheel - Bevel Gear - 1 +1 - Spur Gear - 1 +1 - Gear shifting Mechanism - Free wheel Mechanism - In line gear Mechanism - Geneva Mechanism 'V' Belt Mechanism - Timing Belt Mechanism - Single cam & follower with gage	- Flyball Governor - Watt Governor - Hartnell (Universal) Governor - Proell Governor - Porter Governor - Supplied with variable speed DC drive	- Single Plate clutch - Multiplate clutch - Centrifugal clutch - Cone clutch	- Shoe brake - Internal expanding shoe brake - Disk brake - Optionally loading by spring belt pully arrangement
Toolkit (optional)	Spanner set, Mallet, Screw Driver, Allen key set, Level adjusting shims, Vernier Caliper, Micro Meter.			
Mechanical Dimension/Weight	960(L) x 300 (W) x 545 (H) /35 kg	400(L) x 230 (W) x 350 (H) /20 kg	810(L) x 300 (W) x 380 (H) /22 kg	810(L) x 300 (W) x 380 (H) /20 kg