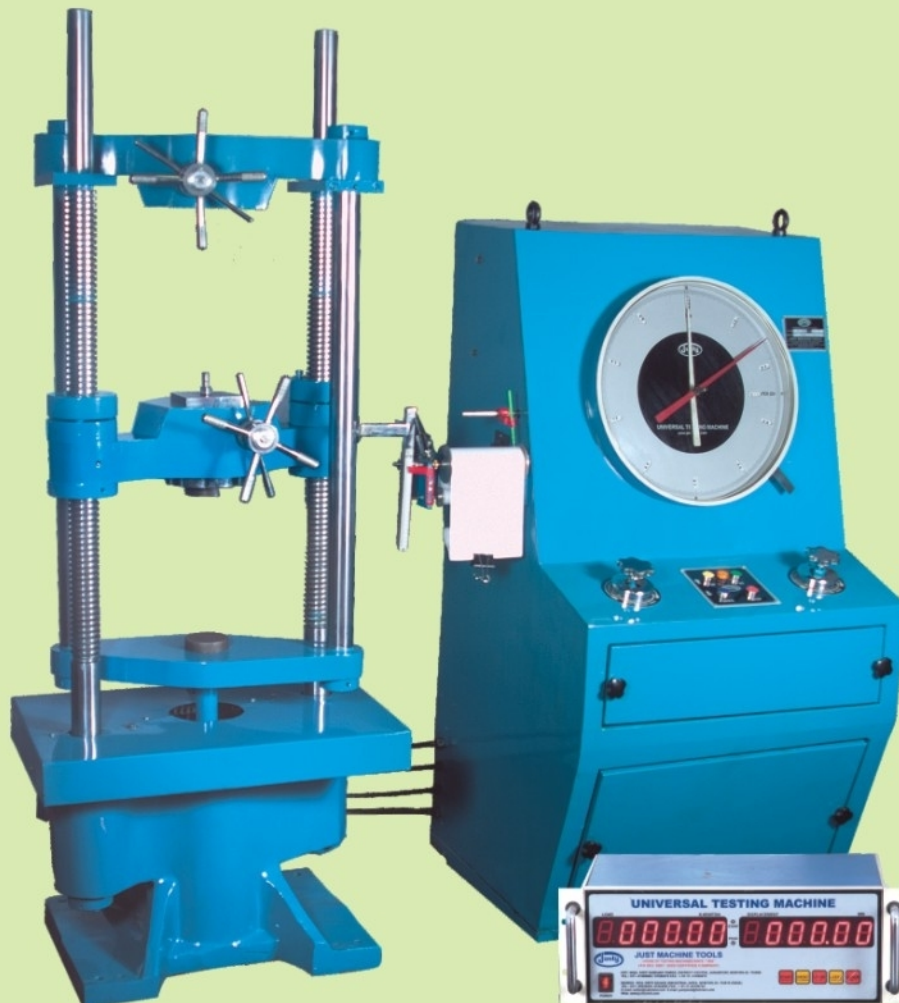




JUST MACHINE TOOLS

(HOUSE OF TESTING MACHINES)

UNIVERSAL TESTING MACHINE



An ISO 9001 : 2000 Certified Company

- ☛ Loading accuracy As high as $\pm 1\%$
- ☛ Facilities for tests:
Motor-driven threaded columns for quick and convenient adjustment or lower cross-head to facilitate rapid fixing of test specimen.
- ☛ Speeds:
Straining at variable speeds to suit wide range of materials
- ☛ Large columns:
Large effective clearance between columns enables testing of standard specimens as well as structures.
- ☛ Simple to operate
- ☛ Robust Construction
- ☛ Wide range of standard and special attachments/accessories available.

DIGITAL, COMPUTERSIED & SERVO BASED MACHINES AVAILABLE ON REQUEST

SPECIFICATIONS

MODEL	JUTM-10	JUTM -20	JUTM -40	JUTM -60	JUTM -100	JUTM -200	JUTM -300
CAPACITIES	10-MT	20-MT	40-MT	60-MT	100-MT	200-MT	300-MT
Maximum capacity (tonne)	10	20	40	60	100	200	300
1 st Measuring Range (tonne)	0-10	0-20	0-40	0-60	0-100	0-200	0-300
Minimum Graduation (kgf)	20	40	100	100	200	400	500
2nd Measuring Range (tonne)	0-5	0-10	0-20	0-30	0-50	0-100	0-150
Minimum Graduation (kgf)	10	20	50	50	100	200	250
3rd Measuring Range (tonne)	0-2.5	0-5	0-10	0-12	0-25	0-50	0-60
Minimum Graduation (kgf)	5	10	25	20	50	100	100
4th Measuring Range (tonne) ,	0-1	0-2	0-4	0-6	0-10	0-20	0-30
Minimum Graduation (kgf)	2	4	10	10	20	40	50
Clearance for tensile at fully descended working piston (mm)	50-200	50-700	50-700	50-800	50-850	50-900	50-900
Clearance for compression test at fully descended working piston (mm)	0-700	0-700	0-700	0-800	0-850	0-900	0-900
Clarence between columns (mm)	500	500	500	600	750	850	850
Ram stroke (mm)	150	200	200	250	250	300.	300
Straining/piston speeds (mm/min) (at no load)	0-300	0-150	0-150	0-100	0-80	0-45	0-50
CONNECTED LOAD							
HP	1.3	1.3	2.3	2.5	3.5	6.5	8.5
V	400-440	400-440	400-440	400-440	400-440	400-440	400-440
O	3	3	3	3	3	3	3
DIMENSIONS	2000x	2000x	2000x	2265x	2415x	3000x	3500x
LxWxH app.mm	670x	670x	670x	670x	815x	1200x	1900x
	2110	2110	2110	2534	2900	3600	4550
WEIGHT (approx. (kg)	1500	1500	2500	3500	5500	12500	22000
STANDARD ACCESSORIES FOR TENSION TEST							
Clamping jaws for round specimens diameter (mm)	10-20	10-20	10-25	10-25	10-25	20-40	25-50
				25-40	25-45	40-60	50-70
Clampings jaws for flat specimens thickness (mm)	20-30	20-30	25-40	40-55	45-70	60-80	70-90
	0-10	0-10	0-15	0-15	0-22	0-20	0-25
	10-20	10-20	15-30	15-30	22-44	20-45	25-50
					44-65	45-70	50-75
Width	50	50	65	70	70	90	100
FOR COMPRESSION TEST							
Pair of compression plates of diameter (mm)	120	120	120	120	160	220	220
FOR TRANSVERSE TEST .							
Table with adjustable rollers :							
Width of rollers (mm)	160	160	160	160	160	200	200
Diameter of rolers (mm)	30	30	30	50	50	70	70
Max. clearance between supports	500	500	500	600	800	900	1000
Radius of punch tops (mm)	6,12	6,12	12,16	16,22	16,22	30,40	50,75

OPTIONAL ACCESSORIES : Load stablizer, Brinell Test Attachment, Bend Test Attachment, Shear Test Attachment and a wide range of the other accessories.

Due to constant R & D, specifications and features are subject to change without notice. The dimensions given above are approximate

Manufacturers :

 **JUST MACHINE TOOLS**
(House of Testing Machine)

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