

SMART LOAD FRAME SPECIFICATIONS

Table Model Machines

MODEL	SSTM-0.5KN	SSTM-2KN	SSTM-5KN	SSTM-10KN	SSTM-20KN	STM-30KN	STM-50KN	STM-100KN
Capacity								
KN	0.5	2	5	10	20	30	50	100
LBF	112	450	1125	2250	4500	6750	11250	22500
KGF	51	204	510	1020	2040	3060	5100	10200
Full & Return Speeds (Note 1)								
inch/min	100	40	40	40	20	20	20	20
mm/min	2540	1016	1016	1016	508	508	508	508
Minimum Speed (Note 1)								
inch/min	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007
mm/min	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017	0.0017
Maximum Force at Full Speed (Note 1)								
LBF	112	450	1125	2250	4500	6750	11250	22500
KN	0.5	2	5	10	20	30	50	100
Maximum Speed at Full Load (Note 1)								
inch/min	100	40	40	40	20	20	20	20
mm/min	2540	1016	1016	1016	508	508	508	508
Total Crosshead Travel (Note 2)								
inch	17	30	42	42	42	42	42	42
mm	432	762	1067	1067	1067	1067	1067	1067
Total Vertical Test Space (Note 2)								
inch	18	30	42	42	42	41	41	41
mm	457	762	1067	1067	1067	1041	1041	1041
Clearance Between Columns (Note 3)								
inch	n/a	n/a	16	16	16	22	22	22
mm	n/a	n/a	406	406	406	560	560	560
Frame Stiffness								
KLBF/in	2.5	5	200	200	200	800	800	800
KN/mm	0.07	0.14	35	35	35	140	140	140
Approximate Dimensions & Weights								
Height								
inch	31	54	63	63	63	64	64	64
mm	787	1372	1600	1600	1600	1625	1625	1625
Width								
inch	12	12	25	25	25	35	35	35
mm	305	305	635	635	635	889	889	889
Depth								
inch	14	24	15	15	15	26	26	26
mm	356	610	381	381	381	660	660	660
Weight								
Kg	30	68	160	160	160	364	364	364
Lbs	67	150	350	350	350	800	800	800

- Notes:**
1. Special speeds are available
 2. Excluding load cell and fixtures
 3. Extra width and/or height loadframes available. Consult your United representative for further information.