

# SMART LOAD FRAME SPECIFICATIONS

## Floor Model Machines

MODEL	SFM-5KN	SFM-10KN	SFM-30KN	SFM-50KN	SFM-100KN	SFM-150KN	SFM-300KN	SFM-600KN
<b>Capacity</b>								
KN	5	10	30	50	100	150	300	600
LBF	1125	2250	6750	11250	22500	33750	67500	135000
KGF	510	1020	3060	5100	10200	15300	30600	61200
<b>Full &amp; Return Speeds (Note 1)</b>								
inch/min	20	20	20	20	20	20	20	20
mm/min	508	508	508	508	508	508	508	508
<b>Minimum Speed (Note 1)</b>								
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
<b>Maximum Force at Full Speed</b>								
<b>Low Gear (Note 1)</b>								
LBF	NOT APPLICABLE				22500	33750	67500	135000
KN					100	150	300	600
<b>High Gear (Note 1)</b>								
LBF	1125	2250	6750	11250	11250	11250	11250	11250
KN	5	10	30	50	50	50	50	50
<b>Total Crosshead Travel (Note 2 &amp; 3)</b>								
inch	60	60	60	60	60	60	60	60
mm	1525	1525	1525	1525	1525	1525	1525	1525
<b>Total Vertical Test Space (Notes 2 &amp; 3)</b>								
inch	60	60	60	60	60	60	60	60
mm	1525	1525	1525	1525	1525	1525	1525	1525
<b>Clearance Between Columns (Note 3)</b>								
inch	22	22	22	22	22	22	22	28
mm	560	560	560	560	560	560	560	710
<b>Frame Stiffness</b>								
KLBF/in	800	800	800	800	800	800	1500	3000
KN/mm	140	140	140	140	140	140	260	525
<b>Approximate Dimensions &amp; Weights</b>								
<b>Height</b>								
inch	94	94	94	94	94	94	105	109
mm	2388	2388	2388	2388	2388	2388	2667	2769
<b>Width</b>								
inch	36	36	36	36	36	36	39	47
mm	914	914	914	914	914	914	991	1194
<b>Depth</b>								
inch	27	27	27	27	27	27	42	44
mm	686	686	686	686	686	686	1067	1118
<b>Weight</b>								
Kg	432	432	432	432	432	432	818	2160
Lbs	950	950	950	950	950	950	1800	4750

- 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.