

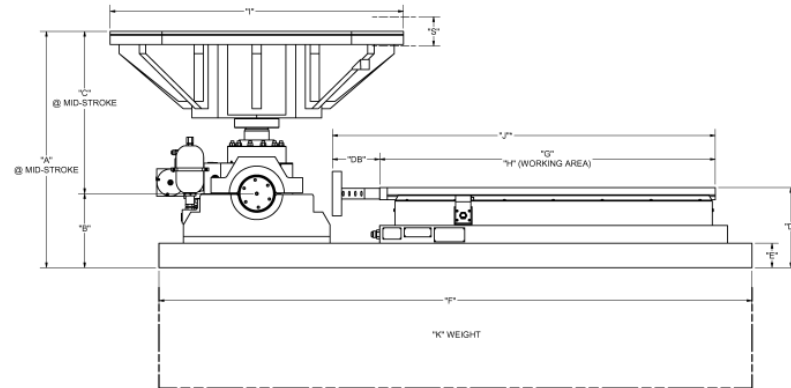
# Horizontal Systems Specifications

Systems  
&  
Solutions

Engineered  
vibration testing  
solutions for  
improved  
product quality.

**Team Corporation**  
11591 Watertank Road  
Burlington, WA 98233  
Tel: (360) 757-8601  
Fax: (360) 757-4401  
sales@teamcorporation.com  
www.teamcorporation.com

**Team Corporation UK**  
**Team Corporation UK Ltd**  
11 Old Ladies Court  
High Street  
Battle  
East Sussex  
TN33 0AH  
United Kingdom  
Tel: +44 (0) 1424 777004  
Fax: +44 (0) 1424 777005  
sales@teamcorporation.co.uk  
service@teamcorporation.co.uk  
www.teamcorporation.co.uk



NOTE: All dimensions are approximate.

## Physical Dimensions in mm

NOTE: Dimension "C" equal to base plate width

System Model No.	H24-2-62/3.0-140-110	H24-4-64/3.0-350-265	H36-3-62/4.0-140-110	H36-9-64/4.0-350-265	H40-9-62/5.0-140-110	H40-9-64/5.0-350-265	H48-8-64/6.0-350-265	H48-16-64/7.5-350-265	H60-15-86/10.0-350-265	H60-25-810/10.0-350-265
------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	----------------------	-----------------------	------------------------	-------------------------

<b>A</b>	876	1029	981	1134	981	1134	981	1134	981	1134
<b>B</b>	1858	2189	2163	2494	2264	2595	2467	2798	2772	3103
<b>C</b>	1000	1000	1296	1296	1397	1397	1600	1600	1905	1905
<b>D</b>	333	333	333	333	333	333	333	333	333	333
<b>E</b>	610	610	915	915	1016	1016	1220	1220	1524	1524
<b>Shipping Wt. (Kg)</b>	3070	3870	4525	5315	4945	5920	6870	7180	9300	9650



# HVS - Horizontal Systems Specifications

\*(Other system combinations available.)

System Model No. (Table/Actuator/Valve/HPS)	H24-2-62/3.0-140-110	H24-4-64/3.0-350-265	H36-3-62/4.0-140-110	H36-9-64/4.0-350-265	H40-9-62/5.0-140-110	H40-9-64/5.0-350-265	H48-8-64/6.0-350-265	H48-16-64/7.5-350-265	H60-15-86/10.0-350-265	H60-25-810/10.0-350-265
<b>Force</b>	26.7kN	26.7kN	35.6kN	35.6kN	44.4kN	44.4kN	53.3kN	66.7kN	88.9kN	88.9kN
<b>Slip Table Size (mm square)</b>	610	610	900	900	1000	1000	1200	1200	1500	1500
<b>Number of Bearings</b>	2	4	3	9	9	9	8	16	15	25
<b>Pitch Moment kN-m</b>	22	53	52	158	180	180	264	418	475	790
<b>Roll Moment kN-m</b>	13	53	52	158	180	180	211	418	528	790
<b>Yaw Moment kN-m</b>	6	6	12	12	14	14	9	18	24	75
<b>Moving System Mass kg (no load)</b>	81	102	131	172	216	227	220	268	361	406
<b>Displacement pk-pk mm</b>	50	100	50	100	50	100	100	100	150	250
<b>Velocity m/sec</b>	1.1	2.8	0.8	2.0	0.6	1.7	1.4	1.0	0.8	0.8
<b>Acceleration g Bare Table</b>	33.5	26.7	27.6	21.1	21.0	20.0	30.9	20.3	25.2	22.3
<b>Acceleration g with (kg)</b>	8.8(226)	8.3(226)	7.9(226)	7.7(226)	7.0(340)	6.8(340)	7.6(340)	9.8(340)	7.5(680)	7.5(680)
<b>Test Frequency Range Hz</b>	500	500	500	500	500	500	500	500	500	500
<b>Max Frequency Range Hz</b>	250	250	250	250	250	250	250	250	250	250
<b>Max Recommended Payload kg</b>	226	226	226	226	340	340	340	340	680	680
<b>Actuator Type/Piston Area</b>	62/3.0	64/3.0	62/4.0	64/4.0	62/5.0	64/5.0	64/6.0	64/7.5	86/10.0	810/10.0
<b>Valve Combination</b>	V20/140	V20/350	V20/140	V20/350	V20/140	V20/350	V20/350	V20/350	V20/350	V20/350
<b>Recommended Seismic Mass kg</b>	2,268	2,268	2,268	2,268	4,536	4,536	4,536	4,536	6,804	6,804
<b>Hydraulic Power Supply-207 bar</b>	110 l/min	265 l/min	110 l/min	265 l/min	110 l/min	265 l/min	265 l/min	265 l/min	265 l/min	265 l/min
<b>HPS Model No.</b>	HPS-110	HPS-265	HPS-110	HPS-265	HPS-110	HPS-265	HPS-265	HPS-265	HPS-265	HPS-265

1. \*If you require a vibration system different to that listed please contact your local *Team* Corporation office or agent for information.
2. 62 Series actuators have a force rating between 26.7 kN and 222 kN
3. 64 Series actuators have a force rating between 26.7 kN and 222 kN
4. 86 Series actuators have a force rating between 88.96 kN and 195.72 kN
5. 810 Series actuators have a force rating between 88.96 kN and 195.72 kN
6. Use this sheet in conjunction with Vertical Systems Specification Sheet