



**STRONG PARTNERS.
TOUGH TRUCKS.™**

HEAVY DUTY TIRE HANDLER TRUCKS WITH GPI ATTACHMENTS

TIRE HANDLER SERIES

WWW.HYSTER.COM

TOUGH TRUCKS FOR TIRE HANDLING APPLICATIONS

Hyster® tire handler trucks are engineered to meet the most demanding tire handling applications in the mining, ports and intermodal market segments. Featuring a “plug-and-play” system, Hyster tire handlers feature easy on-site installation and assembly. All trucks are designed for excellent all-around visibility of tire grab pads, fallback arms and wheel assemblies while providing excellent rearward visibility.

In close association with Greenfield Products, LLC (GPI), 7 dedicated tire handler models are available from 5,000 lbs. through 35,000 lbs. of load capacity. Advanced truck and tire handler designs mean reduced lost load while maintaining full rated tire handling capacity on truck and attachment combinations. Optimized flow settings with fully calibrated hydraulics improve tire handler performance. Counterweights are optimized to deliver required lift capacities.





HOW TO SELECT A TIRE HANDLER

THE FOLLOWING STEPS SHOULD BE FOLLOWED TO ENSURE THE SELECTION OF A TIRE HANDLER THAT IS OPTIMAL FOR YOUR APPLICATION:

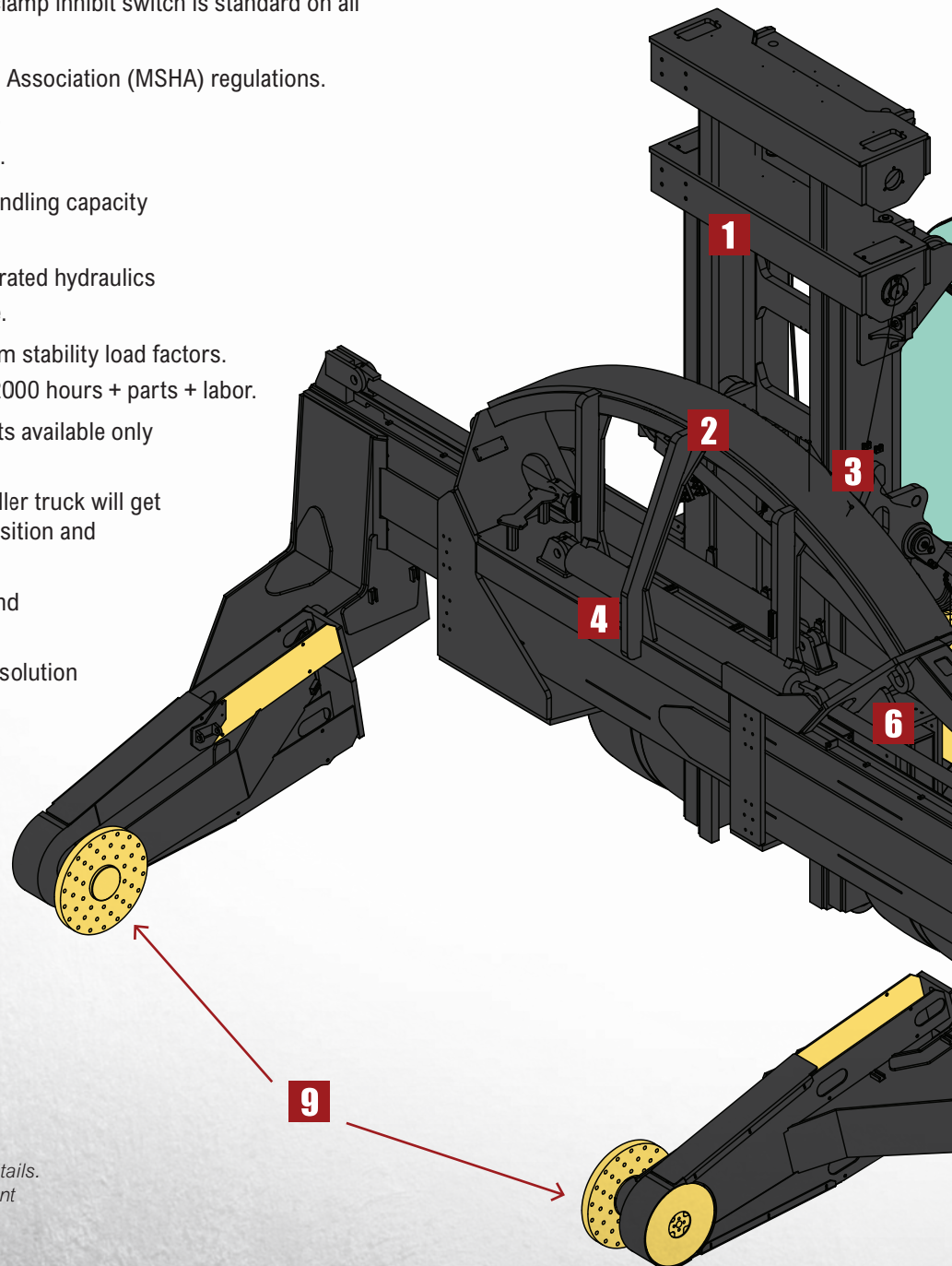
1. Identify the largest/heaviest tires in your fleet
2. Determine tire size(s) for largest trucks
3. Identify the tire size in this Tire Handler Product Selector Guide
 - a. Consider tire dimensions and rim weights
 - b. Determine total wheel weights with/without chains
4. Select the attachment with sufficient handling capacity
5. Verify that the attachment provides all handling functions desired:
 - a. Body rotation
 - b. Grab pad rotation
 - c. Clamp/Unclamp
 - d. Sideshift
 - e. Fallback protection
6. Select the truck with sufficient rated tire handling capacity for the attachment
7. Consult this Tire Handler Product Selector Guide to ensure correct equipment selection
8. Ensure that the tire handler will handle the full range of tires required (minimum/maximum diameter)

THE FOLLOWING INDUSTRY SEGMENT AND SITE SPECIFIC ELEMENTS ALSO NEED TO BE CONSIDERED:

1. Dedicated use (requiring Integral) or flex use (requiring Hang-On Quick Connect) operation
2. Clearance around wheels and proximity to fuel and hydraulic tanks
3. Terrain at application site
4. Truck size and maneuverability
5. Overall tire handling truck width clearances
6. Overall lift and stacking height requirements
7. Maintenance and service support requirements

HYSTER® TRUCKS WITH ENGINEERED ATTACHMENTS FROM GREENFIELD PRODUCTS, LLC (GPI)

- “Plug-and-play” – easy to install and assemble.
- Streamlined order processing means shorter build, assembly and delivery times.
-  and  Certification available on both the truck and tire handler attachment.
 - Engineered for reliability, an on/off unclamp inhibit switch is standard on all Hyster tire handler trucks.
 - Compliant with Mine Safety and Health Association (MSHA) regulations.
- Drop-arm design offers greater visibility.
- Optimized truck and tire handler designs.
 - Reduced lost load and full rated tire handling capacity on truck/attachment combinations.
 - Optimized flow settings with fully calibrated hydraulics for enhanced tire handler performance.
 - Optimized counterweights for maximum stability load factors.
- Industry leading warranty*: 12 months/2000 hours + parts + labor.
- Exclusive fully integrated GPI attachments available only on Hyster lift trucks.
- Integral mounting solution means a smaller truck will get the same capacity leading to lower acquisition and operating costs and a smaller footprint.
- Designed for ease of on-site assembly and serviceability.
- Industry leading total cost of ownership solution for tire handling mine operation.

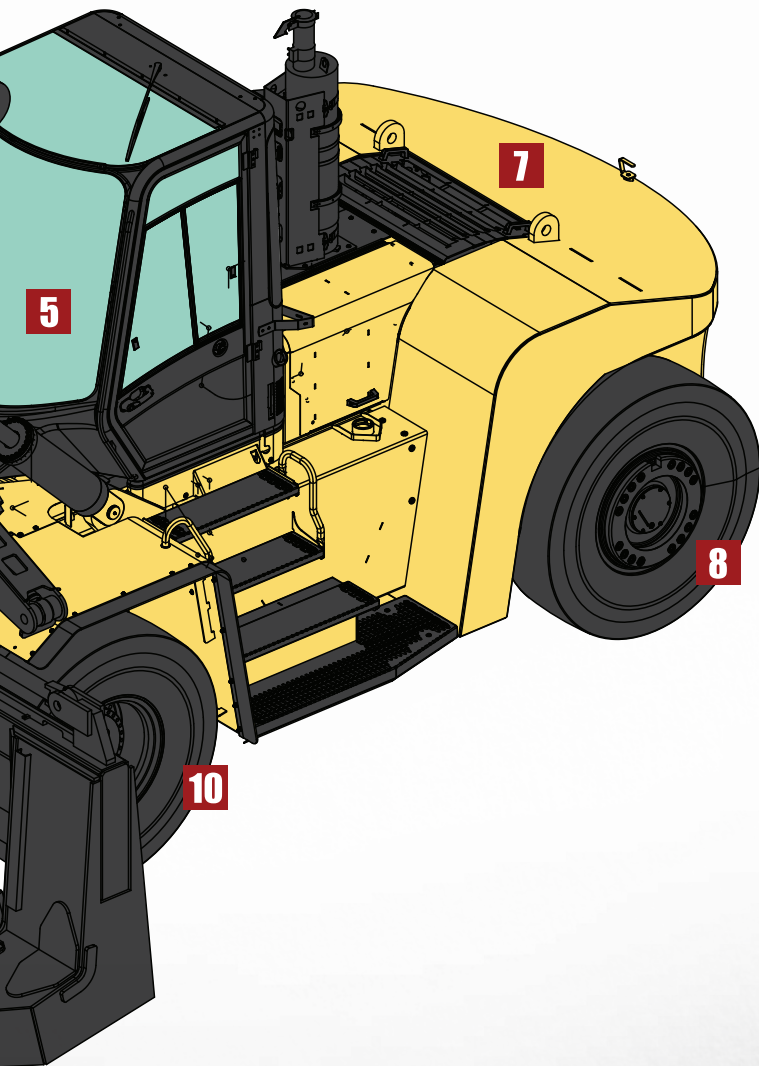


* Consult Hyster Company for truck warranty details. Consult Greenfield Products, LLC for attachment warranty details.



HYSTER® TIRE HANDLER: THE BEST INTEGRATED SOLUTION ON THE MARKET

- 1** 2-stage mast offers exceptional visibility and easy viewing of handling application.
- 2** Tire handler attachment designed for seamless body rotation and clear sightlines throughout the handling operation.
- 3** Increased load roller lap ensures robust mast capacity for tire handler attachment.



- 4** Integral mounted attachments for maximum handling capacity and minimum lost load.
- 5** Standard with 7-function hydraulic controls with 5 auxiliary functions, engineered for tire handling.**
- 6** Designed with proportional controls for primary functions enabling high controllability.
- 7** Optimized counterweight provides maximum load stability under all handling conditions.
- 8** Designed for excellent maneuverability with minimized turning radius.
- 9** Oversized grab pads with up to 180 degrees rotation enables easy handling of tires, rims and wheels.
- 10** Optional solid tires available upon request.



** TH5 requires 6-function hydraulics with 4 auxiliary functions.

HAULER TIRES

TIRE INFORMATION											GPI TH MODEL	FORKLIFT MODEL
Tire size	Outside diameter		Typical tire weight		Typical rim weight		Typical chain weight		Total weight		MOUNTING STYLE: INTEGRAL Solely dedicated truck for the Tire Handling Application	
	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kg		
12.00R24	49.4	1255	210	95	168	76	650	295	1028	466	TH5	H120FT* H5.5FT
12.00R 24RL-4J	50.3	1278	335	152	168	76	650	295	1153	523		
14.00R24	55.1	1400	420	191	163	74	705	320	1288	585	TH5	H120FT* H5.5FT
14.00R 24RL-4J	55.6	1412	490	222	163	74	705	320	1358	616		
14.00R24	54.9	1394	511	232	163	74	705	320	1379	626	TH5	H120FT* H5.5FT
30/65 R25 RL-2+	64.1	1628	893	405	516	234	705	320	2114	959		
14.00R25 RL-4F	55.6	1412	435	197	267	121	705	320	1407	638		
14.00R25	55.2	1402	420	191	267	121	705	320	1392	632	TH5	H120FT* H5.5FT
15.5R25 X MINE-D2	52.6	1336	494	224	159	72	584	265	1236	561		
16.00-25	60.9	1547	570	259	304	138	451	205	1325	602		
16.00-25HRL-4B	59.9	1521	587	266	304	138	451	205	1342	609	TH5	H120FT* H5.5FT
16.00R25 XHD1 A	59.8	1519	606	275	304	138	451	205	1362	618		
17.5R25	52.8	1341	350	159	340	154	518	235	1208	548	TH5	H120FT* H5.5FT
17.5R25	54.9	1394	457	297	340	154	518	235	1314	686		
17.5R25RL-2+	54.3	1379	368	167	340	154	518	235	1226	556		
18.00-25	64.5	1638	830	376	362	164	1627	738	2819	1278	TH5	H120FT* H5.5FT
18.00-25 ELV-4B	65.8	1671	834	378	362	164	1627	738	2823	1280		
18.00R25 XHD-1A	65.7	1669	844	383	362	164	1627	738	2833	1285		
21.00R25	68.0	1727	750	340	408	185	828	376	1986	901	TH5	H120FT* H5.5FT
21.00-25 EAW-7A	69.5	1765	922	418	408	185	828	376	2158	979		
21.00R25	69.6	1768	1043	473	408	185	828	376	2278	1034		
21.00R35	80.6	2047	1400	635	644	292	828	376	2872	1303		
21.00R35 RL-4J	80.9	2055	1440	653	644	292	828	376	2912	1321		
21.00R35	80.6	2047	1442	654	644	292	828	376	2914	1322		
23.5R25	64.3	1633	850	386	423	192	1862	845	3135	1423	TH5	H120FT* H5.5FT
23.5R25	65.2	1656	1086	493	423	192	1862	845	3371	1530		
23.5-25 HRL D/L-5A	66.4	1687	1201	545	423	192	1862	845	3486	1582		
24.00R35	86.4	2195	1900	862	712	323	593	269	3205	1454	TH5	H120FT* H5.5FT
24.00R35 RL-3+	84.0	2134	1860	844	712	323	593	269	3165	1436		
24.00R35	84.9	2156	1858	843	712	323	593	269	3163	1435		
26.5R25	68.3	1735	1010	458	492	223	2460	1116	3962	1797	TH5	H120FT* H5.5FT
26.5-25 HRL D/L-4A	70.6	1793	1326	601	492	223	2460	1116	4278	1940		
26.5R25 X MINE-D2	70.6	1793	1517	688	492	223	2460	1116	4468	2027		
29.5-25	74.0	1880	1150	522	536	243	2566	1164	4252	1929	TH5	H120FT* H5.5FT
29.5-25 HRL D/L-4A	74.4	1890	1659	753	536	243	2566	1164	4761	2160		
29.5R25 X MINE-D2	74.8	1900	1878	609	536	243	2566	1164	4979	2016		
26.5R29 XSMD1	71.9	1826	1840	835	640	265	1701	772	4181	1872	TH5	H120FT* H5.5FT
29.5-29	77.8	1976	1290	585	644	292	2658	1206	4592	2083		
29.5R29	78.0	1981	1887	856	644	292	2658	1206	5189	2354	TH5	H120FT* H5.5FT
18.00R33	74.4	1890	1080	490	498	226	1410	640	2988	1356		
18.00R33 RL-4J	73.7	1872	1075	488	498	226	1410	640	2983	1354		
18.00R33	73.7	1872	1034	469	498	226	1410	640	2942	1335		

Chain weights are based on Pewag production chains for tire sizes shown. Contact Pewag Chains for order details.

Tire, wheel rim and chain sizes and weights are based on OEM specifications for tires currently in production as of February 2014.

* H120FT - TH5 available via SPED. Contact your dealer for details.



TIRE INFORMATION											GPI TH MODEL	FORKLIFT MODEL
Tire size	Outside diameter		Typical tire weight		Typical rim weight		Typical chain weight		Total weight		MOUNTING STYLE: INTEGRAL Solely dedicated truck for the Tire Handling Application	
	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kg		
21.00-35	80.3	2040	1350	612	644	292	828	376	2822	1280	TH5	H120FT* H5.5FT
21.00-35 MRL-4B	80.1	2035	1500	680	644	292	828	376	2972	1348		
21.00R35	80.6	2047	1442	654	644	292	828	376	2914	1322		
24.00R35	86.4	2195	1900	862	712	323	593	269	3205	1454	TH5	H120FT* H5.5FT
24.00R35 RL-4J	86.4	2195	1830	830	712	323	593	269	3135	1422		
24.00R35	84.9	2156	1858	843	712	323	593	269	3163	1435		
29.5R35	83.5	2121	1580	717	720	453	835	379	3135	1549	TH5	H120FT* H5.5FT
29.5-35 HRL-3B	83.3	2116	1478	670	720	453	835	379	3033	1502		
29.5-35	83.2	2113	1481	672	720	453	835	379	3036	1504		
21.00-49 HRL-4B	94.5	2400	1764	800	1076	488	835	379	3675	1667	TH5	H120FT* H5.5FT
24.00R49	99.6	2530	2320	1052	1078	489	835	379	4233	1920	TH5	H120FT* H5.5FT
24.00R49 RL-4	98.8	2510	2390	1084	1078	489	835	379	4303	1952		
24.00R49	98.9	2512	2191	994	1078	489	835	379	4104	1862		
27.00R49	106.6	2708	3150	1429	1241	563	981	445	5372	2437	TH9	H230XD H10XD6
27.00R49 RL-4J	106.3	2700	3015	1368	1241	563	981	445	5237	2376		
27.00R49	106.1	2695	3054	1385	1241	563	981	445	5277	2393		
30.00-51	114.3	2903	3590	1628	1975	896	2341	1062	7906	3586	TH9	H230XD H10XD6
30.00R51 RL-4H	115.6	2936	4560	2068	1975	896	2341	1062	8876	4026		
30.00R51	113.8	2891	3929	1782	1975	896	2341	1062	8245	3740		
33.00R51	120.6	3063	4940	2241	2123	963	2738	1242	9801	4446	TH10	H280XD H12XD6
33.00-51 HRL-4B	120.2	3053	4560	2068	2123	963	2738	1242	9421	4273		
33.00R51	119.5	3035	4869	2208	2123	963	2738	1242	9730	4413		
36.00R51	126.1	3203	5680	2576	2286	1037	1873	850	9839	4463	TH10	H280XD H12XD6
36.00-51HRL-4B	127.8	3246	6120	2776	2286	1037	1873	850	10279	4663		
36.00R51	126.5	3213	6101	2767	2286	1037	1873	850	10260	4654		
35/65-33	80.7	2050	2779	1260	723	328	2998	1360	6500	2948	TH10	H280XD H12XD6
37.00R57	134.7	3421	6690	3035	2758	1251	3359	1524	12807	5810	TH12	H300XD H13XD6
37.00R57 RL-4H	135.5	3442	6750	3062	2758	1251	3359	1524	12867	5837		
37.00-57	136.1	3457	7106	3223	2758	1251	3359	1524	13223	5998	TH15A	H360XD H16XD6
40.00R57	140.7	3574	8490	3851	2800	1270	7687	3487	18977	8608	TH25**	H450XDS36 H20XDS9
46/90R57	140.7	3574	8800	3992	2800	1270	5879	2667	17479	7929	TH25**	H450XDS36 H20XDS9
50/90R57	150.6	3825	10320	4681	3609	1637	11878	5388	25807	11706	TH35	H550XD48 H25XD12
50/90R57	150.0	3810	10113	4587	3609	1637	11878	5388	25600	11612		
55/80R63	154.0	3912	11200	5080	6235	2828	11878	5388	29313	13296	TH35	H550XD48 H25XD12
55/80R63	147.6	3749	10177	4616	6235	2828	11878	5388	28290	12832		
59/80R63	158.5	4026	11200	5080	6453	2927	11878	5388	29531	13395	TH35	H550XD48 H25XD12
59/80R63	158.5	4026	11735	5323	6453	2927	11878	5388	30066	13638		

Chain weights are based on Pewag production chains for tire sizes shown. Contact Pewag Chains for order details.

Tire, wheel rim and chain sizes and weights are based on OEM specifications for tires currently in production as of February 2014.

* H120FT - TH5 available via SPED. Contact your dealer for details. ** Hydraulic fall back protection standard on TH25.



LOADER AND SCRAPER TIRES

TIRE INFORMATION											GPI TH MODEL	FORKLIFT MODEL
Tire size	Outside diameter		Typical tire weight		Typical rim weight		Typical chain weight		Total weight		MOUNTING STYLE: INTEGRAL Solely dedicated truck for the Tire Handling Application	
	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kg		
14.00-24	53.3	1354	530	181	163	74	705	320	1398	575	TH5	H120FT* H5.5FT
14.00-24 SMO-5B	55.6	1412	612	278	163	74	705	320	1480	672		
15.5R25	50.2	1275	270	122	159	72	584	265	1013	459	TH5	H120FT* H5.5FT
15.5R 25 XTL A *	50	1270	250	113	159	72	584	265	993	450		
16.00-25	60.5	1537	780	354	304	138	584	265	1668	757	TH5	H120FT* H5.5FT
16.00-25AMS-4/5A	59.9	1521	705	320	304	138	584	265	1593	723		
16.00R25	60.2	1529	639	290	304	138	584	265	1528	693		
17.5-25	54.5	1384	610	277	340	154	518	235	1468	666	TH5	H120FT* H5.5FT
17.5-25 AMS D/L-5	55.1	1400	729	331	340	154	518	235	1587	720		
17.5R25	55.4	1407	655	297	340	154	518	235	1512	686		
18.00-25	65.9	1674	1300	590	362	164	1627	738	3289	1492	TH5	H120FT* H5.5FT
18.00-25 SMO-5B	65.6	1666	1146	520	362	164	1627	738	3135	1422		
18.00R25	65.1	1654	1136	515	362	164	1627	738	3125	1417		
20.5-25	61.3	1557	920	417	364	165	1514	687	2798	1269	TH5	H120FT* H5.5FT
20.5R25 X MINE-D2	60.2	1529	879	399	364	165	1514	687	2757	1251		
20.5-25 RL-5K*	60.4	1534	840	381	364	165	1514	687	2718	1233		
21.00-25	70.8	1798	1520	689	408	185	1862	845	3790	1719	TH5	H120FT* H5.5FT
21.00R25	68.9	1750	1097	498	408	185	1862	845	3367	1528		
23.5R25	65.8	1671	1170	531	423	192	1862	845	3455	1568	TH5	H120FT* H5.5FT
23.5R25	65.4	1661	1086	493	423	192	1862	845	3371	1530		
23.5-25 HRL D/L-5A	66.4	1687	1201	545	423	192	1862	845	3486	1582		
26.5-25	70.8	1798	1910	866	492	223	2460	1116	4862	2205	TH5	H120FT* H5.5FT
26.5-25 AMS D/L-5	71	1803	1679	762	492	223	2460	1116	4631	2101		
26.5R25	70.9	1801	1795	814	492	223	2460	1116	4746	2153		
29.5-25	75.6	1920	1860	844	536	243	2566	1164	4962	2251	TH5	H120FT* H5.5FT
29.5R25	78.5	1994	1690	766	536	243	2566	1164	4791	2173		
29.5R25 RL-5K	75.6	1920	2160	980	536	243	2566	1164	5262	2387		
26.5R29 GP-3	73.1	1857	1200	544	650	161	1701	772	3551	1477	TH5	H120FT* H5.5FT
26.5R29	72.4	1839	1243	564	650	161	1701	772	3594	1497		
29.5R29	79.1	2009	2390	1084	644	292	2658	1206	5692	2582	TH9	H230XDS H10XDS6
29.5-29AMS D/L-5	78.8	2002	2526	1146	644	292	2658	1206	5828	2644		
29.5 R29 XLD D2 A	78.9	2004	1819	825	644	292	2658	1206	5120	2323		
33.25R29	82	2083	2380	1080	650	328	2017	915	5047	2323	TH9	H230XDS H10XDS6
33.25R29RL-2F	82.2	2088	1740	789	650	328	2017	915	4407	2032		
33.25-29	81.7	2075	1925	873	650	328	2017	915	4592	2116		
30/65-29NRL D/L-5A	71.3	1811	1715	777	650	385	2017	915	4382	2077	TH9	H230XDS H10XDS6
30/65R-29	70.2	1783	1505	683	650	385	2017	915	4172	1983		
33.5-33	88.8	2256	1930	875	849	385	2998	1360	5777	2620	TH9	H230XDS H10XDS6
33.5-33HRL D/L-4A	87.7	2228	2988	1355	849	385	2998	1360	6835	3100		
33.5-33	87.7	2228	2064	936	849	385	2998	1360	5910	2681		
37.5-33HRL D/L-3A	93.3	2370	2754	1249	850	328	2998	1360	6602	2937	TH9	H230XDS H10XDS6
35/65-33	81.7	2075	3300	1497	723	328	2998	1360	7021	3185		
35/65-33	80.9	2055	2779	1260	723	328	2998	1360	6500	2948	TH9	H230XDS H10XDS6
29.5R35 XTS TL	83.5	2121	1481	672	900	328	2998	1360	5379	2360		
33.25-35	90.4	2296	3210	1456	900	328	2998	1360	7108	3144		
33.25-35 SMO D/L-5B	91.1	2314	3430	1556	900	328	2998	1360	7328	3244	TH9	H230XDS H10XDS6
33.25-35	87.5	2223	2989	1356	900	328	2998	1360	6887	3044		

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* H120FT - TH5 available via SPED. Contact your dealer for details.

LOADER AND SCRAPER TIRES



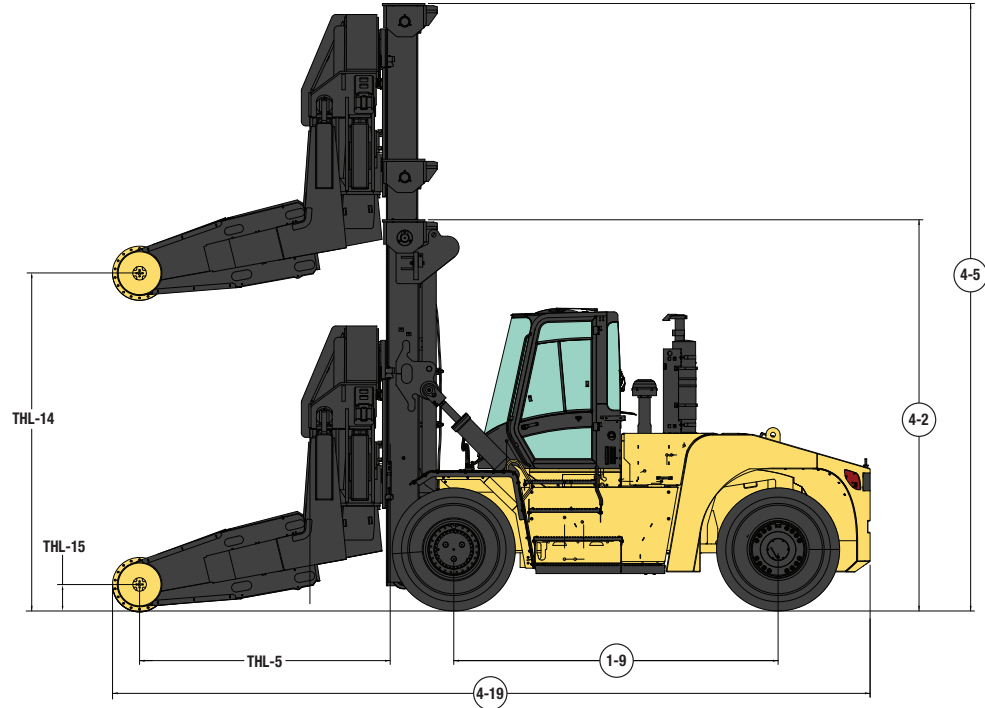
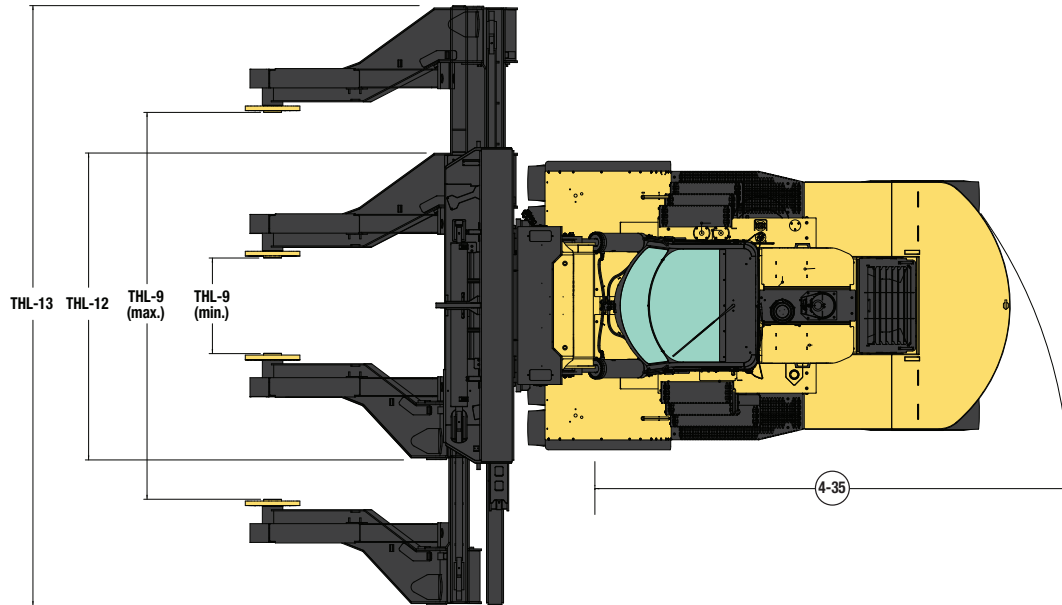
TIRE INFORMATION											GPI TH MODEL	FORKLIFT MODEL
Tire size	Outside diameter		Typical tire weight		Typical rim weight		Typical chain weight		Total weight		MOUNTING STYLE: INTEGRAL Solely dedicated truck for the Tire Handling Application	
	in	mm	lbs	kg	lbs	kg	lbs	kg	lbs	kg		
37.25-35 HRL D/L-5A	95	2413	4122	1870	900	435	4717	2140	9739	4445	TH10	H280XD H12XD6
37.25R35	93.1	2365	3929	1782	900	435	4717	2140	9546	4357		
37.5-39 HRL D/L-5A	100.8	2560	4614	2093	1300	552	4717	2140	10631	4785	TH10	H280XD H12XD6
37.5-39	99.4	2525	3871	1756	1300	552	4717	2140	9888	4448		
41.25/70-39	98.8	2510	4600	2087	1217	552	4717	2140	10534	4779	TH10	H280XD H12XD6
41.25/70-39 NRL D/L -5A	98.4	2499	4675	2121	1217	552	4717	2140	10609	4813		
40/65-39	95.3	2421	4130	1873	1239	562	5242	2378	10611	4813	TH10	H280XD H12XD6
40/65-39 NRL D/L-5A	94.4	2398	3855	1749	1239	562	5242	2378	10336	4689		
40/65R39	93.8	2383	3443	1562	1239	562	5242	2378	9924	4502		
40.5/75R39 RL-4K	101.4	2576	3668	1664	1300	562	6657	3020	11625	5246	TH12	H300XD H13XD6
40.5/75R39	101.9	2588	3221	1461	1300	562	6657	3020	11178	5043		
45/65-45	107.5	2731	6610	2998	1625	737	6657	3020	14892	6755	TH15A	H360XD H16XD6
45/65-45 NDL D/L -5/15C	107.6	2733	5920	2685	1625	737	6657	3020	14202	6442		
45/65R45	107.8	2738	5929	2689	1625	737	6657	3020	14211	6446		
50/65-51	120.9	3071	8010	3633	2443	1108	8247	3741	18700	8482	TH25	H450XDS36 H20XDS9
50/65-51NRL D/L-5A	120.5	3061	7981	3620	2443	1108	8247	3741	18671	8469		
49.5/85-57	155.6	3952	11830	5366	3393	1539	9197	4172	24420	11077	TH25**	H450XDS36 H20XDS9
50/80-57	143.9	3655	9450	4286	3393	1539	9986	4530	22829	10355	TH25**	H450XDS36 H20XDS9
50/80-57 68HRL D/L-4G	140.9	3579	9328	4157	3393	1539	9986	4530	22707	10226		
52/80-57 68 HRL D/L-4G	140.9	3579	10480	4754	3500	1837	9859	4472	23839	11063	TH25**	H450XDS36 H20XDS9
53.5/85-57	155.6	3952	13050	5919	3500	1837	11448	5193	27998	12949	TH35	H550XD48 H25XD12
55/80R57	146.9	3731	11962	5426	4050	1837	10716	4861	26728	12124	TH35	H550XD48 H25XD12
55/80R63	154	3912	11200	5080	6235	2828	11878	5388	29313	13296		
58/85-57	155.9	3960	12810	5811	4120	1869	11858	5379	28788	13059	TH35	H550XD48 H25XD12
60/80R57	155.5	3949	14013	6356	4081	1851	12206	5537	30300	13744	TH35	H550XD48 H25XD12
65/65-57	147	3734	16500	7484	4513	2047	12101	5489	33114	15020	TH35	H550XD48 H25XD12
70/70-57	158	4013	14740	6686	4500	2047	13549	6146	32789	14879	TH35	H550XD48 H25XD12

Chain weights are based on Pewag production chains for tire sizes shown. Contact Pewag Chains for order details.

Tire, wheel rim and chain sizes and weights are based on OEM specifications for tires currently in production as of February 2014.

** Hydraulic fall back protection standard on TH25.

TRUCK AND ATTACHMENT SPECIFICATIONS





TRUCK SPECIFICATIONS																	
		Units	English	Metric	English	Metric	English	Metric	English	Metric	English	Metric	English	Metric	English	Metric	
1-1	Manufacturer	HYSTER															
1-2	Model designation			H120FT H5.5FT	H230XDS H10XDS6	H280XD H12XD6	H300XD H13XD6	H360XD H16XD6	H450XDS36 H20XDS9	H550XD48 H25XD12							
1-3	Nominal load capacity – forklift truck	lbs	kg	12000	5500	23000	10433	28000	12701	30000	13608	36000	16329	45000	18000	55000	25000
1-4	Rated load capacity – tire handler	lbs	kg	4750	2495	9000	4082	10000	4536	12000	5443	15000	6804	22000	9979	33100	15014
1-6	Load center - forklift truck	in	mm	24	610	24	610	24	610	24	610	24.0	610	36.0	920	48.0	1220
1-8	Load distance (from pad center)	in	mm	23	588	29.9	760	29.9	760	33.9	862	33.9	862	42.8	1087	43.7	1109
1-9	Wheelbase	in	mm	82.7	2100	106	2700	114	2896	130	3300	130	3300	138	3500	170	4318
4-1	Mast tilt (forward/back)	degrees		6°/10°		15°/12°		15°/12°		15°/12°		15°/12°		10°/12°		15°/10°	
4-2	Height of mast lowered (with tire handler attachment)	in	mm	88	2214	143	3628	143	3628	143	3641	143	3641	141	3562	139	3517
4-3	Free lift (center of grab pad)	in	mm	3.9	99	0	0	0	0	0	0	0	0	0	0	0	0
4-4	Lift height	in	mm	210	5334	212	5385	212	5385	180	4572	180	4572	208	5283	196	4978
4-5	Height of mast extended	in	mm	88	2214	280	7112	280	7112	251	6370	251	6370	277	7036	270	6858
4-19	Overall length with attachment	in	mm	179.4	4556	216	5489	216	5489	268	6796	268	6796	216	5477	255	6477
4-21	Overall width over drive tires	in	mm	73.8	1875	97	2463	97	2463	102	2592	102	2592	116	2950	127	3225
4-24	Carriage width	in	mm	54	1372	92.5	2350	92.5	2350	98.5	2502	98.5	2502	115	2921	122	3100
4-35	Outside turning radius (with attachment)	in	mm	135	3436	195	4946	195	4946	204	5174	217	5502	240	6085	256	6504
4-36	Carriage type	Integrated base carriage															
ATTACHMENT SPECIFICATIONS																	
THL-1	Manufacturer	GPI															
THL-2	Model designation			TH5	TH9	TH10	TH12	TH15A	TH25	TH35							
THL-3	Tire handler capacity	lbs	kg	5000	2495	9000	4082	10000	4536	12000	5443	15000	6804	25000	11340	35000	15876
THL-4	Tire handler weight	lbs	kg	6300	2858	9500	4309	9500	4309	10900	4944	10500	4763	18200	8255	22500	10206
THL-5	Horizontal load center – tire handler	in	mm	52.3	1327	81.9	2080	98.4	2499	99.3	2521	107.4	2727	116.5	2959	116.5	2959
THL-6	Body rotate	degrees		360°		+/- 20°		+/- 20°		+/- 20°		+/- 15°		+/- 15°		+/- 20°	
THL-7	Pad rotate	degrees		90°		180°		90°		90°		180°		180°		180°	
THL-8	Min/max side shift	in	mm	0/36	0/915	0/36	0/915	0/50	0/1270	0/50	0/1270	0/42	0/1067	0/65	0/1651	0/48	0/1220
THL-9	Min. Clamping span	in	mm	22	559	22	559	40	1016	40	1016	42	1067	40	1016	42	1067
	Max. Clamping span	in	mm	90	2286	110	2794	140	3556	140	3556	160	4064	170	4318	170	4318
THL-10	Fallback arm	Mechanical										Hydraulic					
THL-11	Minimum width	in	mm	84	2140	137	3467	150	3810	150	3810	180	4572	187	4750	200	5080
THL-12	Overall width fully clamped	in	mm	104	2642	151	3835	180	4572	180	4572	197	5004	241	6121	262	6655
THL-13	Overall width fully unclamped	in	mm	133	3378	175	4445	210	5334	210	5334	243	6172	263	6680	265	6731
THL-14	Pad center height at max lift	in	mm	39	997	125	3173	126	3202	119	3024	127	3236	131	3340	138	3508
THL-15	Pad center height at pads to ground	in	mm	6.3	159	9.4	238	12.4	314	12.4	314	12.4	314	12.4	314	12.4	314

*Optimal mast heights shown. A number of mast height options are available. Contact Hyster Company for details.

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