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T&H
TECHNOLOGY & HAMMER

Hydraulic Breaker T&H SERIES

T&H boom mounted hydraulic breakers have been used for several construction projects worldwide for wide range of applications such as foundation, mining, quarry and demolitions even in very tough conditions. The operating system is combined with compressed nitrogen gas to maximize power output and minimize built parts which makes service & maintenance easy.



T&H hydraulic breakers have 16 ranges of operating weight from 100kg to 7,000kg suitable for base machines up to 90 tons such as Skid Steer Loaders, Backhoe Loaders & Excavators.



- Air intake system offers long service life for major consumable parts such as bushings & retaining pins due to proper lubrication & air cooling during operation.
- Variety of options for different applications (Auto Grease System, Underwater Kit, Soundproof Kit, Tunneling Kit & Water Jet Kit).
- Unique design for housing bracket along with damping systems prevents damage of excavator & free maintenance operation.
- The selector system for Auto Stop & Auto Idle is providing less trouble & maintenance cost even in tough conditions jobs.
- Extended durability, efficiencies & service life, with low cost maintenance and trouble free.
- Higher impact rate and low vibration thanks to new design of through bolts & piston.



Technical specifications

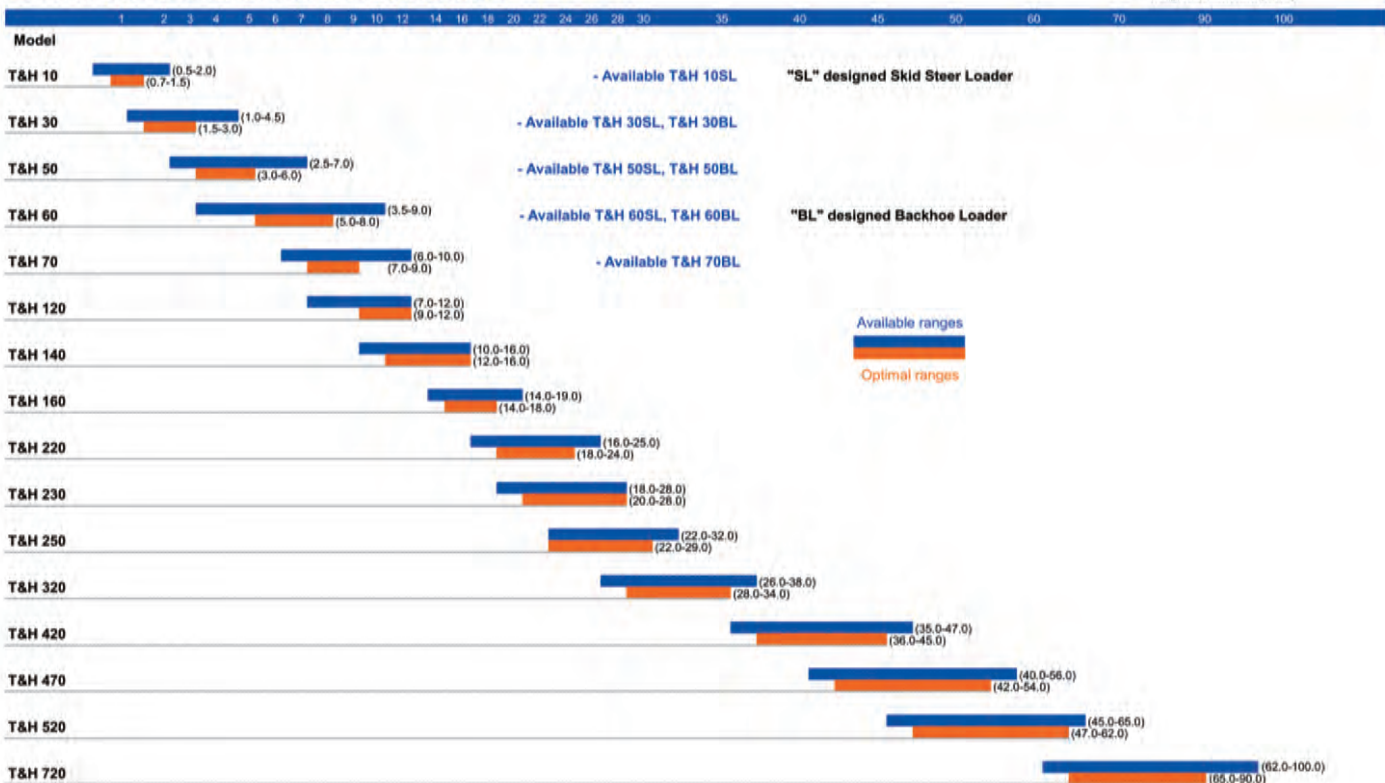
Descriptions		T&H 10	T&H 30	T&H 50	T&H 60	T&H 70	T&H 120	T&H 140	T&H 160	T&H 220	T&H 230	T&H 250	T&H 320	T&H 420	T&H 470	T&H 520	T&H 720
Operating weight(kg)*1)	with mounting bracket	158	178	306	430	595	950	970	1,300	1,750	1,900	1,880	2,460	3,050	3,600	4,550	6,910
	without mounting bracket	135	152	284	405	562	905	925	1,160	1,520	1,680	1,650	2,240	2,580	3,120	3,800	6,090
Overall height(mm)	with mounting bracket	1,265	1,403	1,583	1,760	2,027	2,279	2,220	2,520	2,754	2,826	2,829	2,951	3,213	3,276	3,682	4,158
	without mounting bracket	1,115	1,244	1,381	1,519	1,760	1,992	1,935	2,180	2,374	2,456	2,449	2,531	2,781	2,844	3,139	3,598
Operating pressure(bar)		80~110	90~120	95~130	100~130	130~150	150~170	140~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180	160~180
Required oil flow(liter/min)		20~30	25~40	30~45	40~80	60~100	80~110	80~130	90~130	135~180	120~180	150~190	160~220	190~250	220~280	250~310	350~450
Impact rate(BPM)		600~1,200	500~1,000	450~750	450~950	400~800	450~800	400~1,000	300~900	300~650	200~700	300~600	200~500	200~450	200~600	150~350	120~320
Tool diameter(mm)		Ø45	Ø53	Ø68	Ø75	Ø85	Ø100	Ø110	Ø120	Ø135	Ø140	Ø145	Ø150	Ø160	Ø170	Ø180	Ø200
Hose Diameter(inch)		1/2	1/2	1/2	3/4	3/4	3/4	3/4	1	1	1	1	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
Carrier weight(tons)		0.5~2.0	1.0~4.5	2.5~7.0	3.5~9.0	6.0~10.0	7.0~12.0	10.0~16.0	14.0~19.0	16.0~25.0	18.0~28.0	22.0~32.0	26.0~38.0	35.0~47.0	42.0~56.0	45.0~65.0	62.0~100.0
Feature overview	Auto greasing kit	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Underwater kit	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Soundproof(SP) kit	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Dustproof(DP) kit	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	Auto stop(Anti blank firing)	-	-	-	-	-	-	■	■	■	■	■	■	■	■	■	■
	Adjustment frequency(BPM)	-	-	-	-	-	-	-	■	■	■	■	■	■	■	■	■
	Adjustment impact power	-	-	-	-	-	-	■	■	■	■	■	■	■	■	■	■

Note)

- *1) Operating weight includes standard mounting bracket(adaptor) with working tool.
- Above data are indicative and subject to change without notice.

Selection Guide basis on working weight of carriers

weight of carriers(tons)



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