

**ROCK<sup>®</sup>  
FORGE**

**CONQUER YOUR TERRAIN™**

# HYDRAULIC HAMMERS



**FOR SALE & HIRE**

[www.rockforge.co.uk](http://www.rockforge.co.uk)

2019 / 2020



CONQUER YOUR TERRAIN™

## DESIGNED TO PERFORM BUILT TO LAST

Created using only the highest quality materials, machined by experienced technicians, utilising state-of-the-art Korean manufacturing technology and production machinery. Stringent quality control procedures ensure superior quality hydraulic hammers with industry leading features and benefits:

- › Multi-phase heat treatment for strength
- › Accumulated gas pressure for improved strike power
- › Innovative design by OE manufacturer
- › Simple and easy maintenance
- › 12 month warranty from installation



CONQUER YOUR TERRAIN™

## T SERIES FEATURES

- A Improved Piston**  
Manufactured with high-quality nickel and vanadium alloy steel for improved emergency running properties
- B Extended Piston Stroke**  
For smoother operation and minimal repercussion on carrier
- C High Precision Cylinder & Valve**  
Prevents scoring with precision finishing treatment
- D Lubrication adequate for entire shift**  
Consistent availability due to extended maintenance intervals and reduced wear and tear
- E Tie Rod**  
Dynamic screw design prevents damage
- F Back Head**  
Power Accumulator



ROCK  
FORGE®

## T SERIES

Hydraulic breaker specifications

T SERIES SPECIFICATIONS		UNIT	GBM60	GBM90	GBM120	GB1T	GBM180	GB2T	GB3TP	GB4T	GB5T	GB150	GB6T	GB8AT(7T)	GB8T
Oil flow rate	Lt/Min	15~30	20~40	25~50	25~50	30~60	40~70	50~90	60~100	80~110	90~120	90~120	100~120	100~150	120~180
	Gpm	4~8	5~10.5	6.5~13	6.5~13	8~16	10.5~18.5	13~24	16~26.5	21~29	24~30	24~32	27~40	32~48	
Operating oil pressure	Bar	90~120	90~120	90~120	90~120	100~130	110~140	120~150	130~160	150~170	150~170	150~170	160~180	160~180	
	PSI	1,280~1,707	1,280~1,707	1,280~1,707	1,280~1,707	1,422~1,849	1,565~1,991	1,707~2,134	1,849~2,276	2,134~2,418	2,134~2,418	2,134~2,418	2,276~2,560	2,276~2,560	
Blows per minute	BPM	800~1,400	700~1,200	600~1,100	600~1,100	500~1,000	500~900	400~800	400~800	350~700	350~650	350~650	350~600	350~500	
Impact energy	Joule	180	220	320	320	450	600	700	1,270	2,000	2,200	2,950	4,500	5,000	
	Ft-pounds	133	166	239	239	332	442	516	940	1,475	1,622	2,175	3,319	3,688	
Tool diameter	mm	40	45	53	58	60	70	75	90	100	115	125	135	140	
	Inch	1.57	1.77	2.08	2.28	2.36	2.75	2.95	3.54	3.93	4.53	4.92	5.31	5.51	
Operating weight	Low noise box type with cap	Kg	135	145	180	190	250	310	350	570	890	960	1,200	1,700	1,860
		Lb	297	319	397	418	551	682	772	1,254	1,958	2,112	2,640	3,740	4,092
	Low noise box type with cap	Kg	75	86	160	176	225	324	380	613	850	920	1,280	1,800	1,980
		Lb	165	189	353	387	496	713	836	1,349	1,870	2,024	2,816	3,960	4,356
Height with tool (With Cap)	mm	988	1,082	1,224	1,205	1,284	1,384	1,451	1,789	2,043	2,087	2,264	2,411	2,477	
	Inch	38.9	42.6	48.2	47.4	50.6	54.5	57.1	70.4	80.4	82.2	89.1	94.9	97.5	
Weight of carrier	Min / Max	Ton	0.8~2.5	1.2~3.0	2.5~4.5	2.5~4.5	3.0~5.5	4~7	6~9	7~14	11~16	13~17	15~18	18~24	20~26
		Lbs	1,760~5,510	2,650~6,610	5,510~9,920	5,510~9,920	6,610~12,130	8,820~15,430	13,230~19,840	15,430~30,860	24,250~35,270	28,660~37,480	33,070~39,680	39,680~52,910	44,090~57,320
	Suitable	Ton	1	2	3	4	5	6	7	10	14	17	18	20	22
		Lbs	2,204	4,409	6,613	8,818	11,023	13,227	15,432	22,046	30,864	37,478	39,683	44,092	48,501
Bucket capacity		CBM	0.02~0.07	0.03~0.1	0.06~0.2	0.06~0.2	0.1~0.25	0.15~0.3	0.2~0.35	0.25~0.5	0.4~0.6	0.5~0.7	0.5~0.7	0.6~0.8	0.7~0.9



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CONQUER YOUR TERRAIN™

# THE WORLD-CLASS HYDRAULIC HAMMER

## U SERIES FEATURES

- › Less components and no diaphragm required
- › Lightweight, compact, reduced length body
- › Simple Uni-body design (no tie-rod required)
- › Carbonized body for strength
- › Oil pool system for reduced noise
- › Simple and easy to maintain



U SERIES SPEC	UNIT	GBP10	GBP20	GBP30	GBP35	GBP40	GBP43
Oil flow rate	Lt/Min	15~30	20~40	25~50	30~60	40~70	50~90
	Gpm	4~8	5.3~10.6	6.6~13.2	7.9~16	10.6~18.5	13.2~23.8
Operating oil pressure	Bar	90~120	90~120	90~120	100~130	110~140	120~150
	Psi	1,280~1,707	1,280~1,707	1,280~1,707	1,422~1,849	1,565~1,991	1,707~2,134
Blows per minute	BPM	800~1,400	700~1,200	600~1,100	500~1,000	500~900	400~800
N2 Gas charge/ Back head	Bar	16	16	16	16	16	16
	PSI	232	232	232	232	232	232
Tool diameter	mm	40	45	53	60	68	75
	Inch	1.6	1.8	2.1	2.4	2.7	3
Operating weight (Without Cap)	Kg	63	85	107	191	211	265
	Lb	139	187	236	421	465	584
Height with tool (With Cap)	mm	928 (1,020)	1,009 (1,106)	1,058 (1,196)	1,173 (1,342)	1,276 (1,486)	1,501 (1,733)
	Inch	36.4 (40.2)	43.5 (40.2)	41.6 (47.1)	46.1 (52.8)	50.2 (58.5)	59 (68.2)
Weight of carrier Min/Max	Ton	0.8~2.5	1.2~3.0	2.5~4.5	3.0~5.5	4.0~7.0	6.0~9.0
	Lbs	-	-	-	-	-	-
Bucket capacity	CBM	~0.07	0.06~0.2	0.06~0.2	0.1~0.25	0.15~0.3	0.2~0.35

**Why not Hire before you buy?** We're confident we can beat any local like-for-like hire rate, get in touch today to discuss your requirements:

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FORGE**

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