

THE NPK HYDRAULIC HAMMER RANGE

More power and less noise

GH-Series



- **Unique gas charged piston action. The Power of NPK**
- **Nitrogen gas:** less recoil, more power
- **Main valve:** only 2 moving parts
- **Piston:** constant energy per blow
- Rapid chisel /moil replacement
- Genuine NPK Chisel / Moil



ADVANTAGES

- New range of brackets which encloses the hammer in the best possible way – reduces sound and vibration
- **All models adaptable to underwater operation**
- Shock absorbing rubber cushions (from GH-7A) absorbs vibration and protects integrity of excavator boom and arm
- **Designed with sealed gas (N2) chamber – no rubber bladder accumulators**
- Constant energy per blow: maintains high breakout force – not dependent upon blow rate
- **Rapid and easy chisel/moil replacement: reduces downtime to a minimum**
- Replaceable tool bushings prevent wear to main chisel/moil holder body & enhances the life of the breaker
- **Designed with automatic lubrication channels which allows installation of lubrication system**
- Replaceable cylinder bushings to prevent wear of the hammer body: easy to overhaul

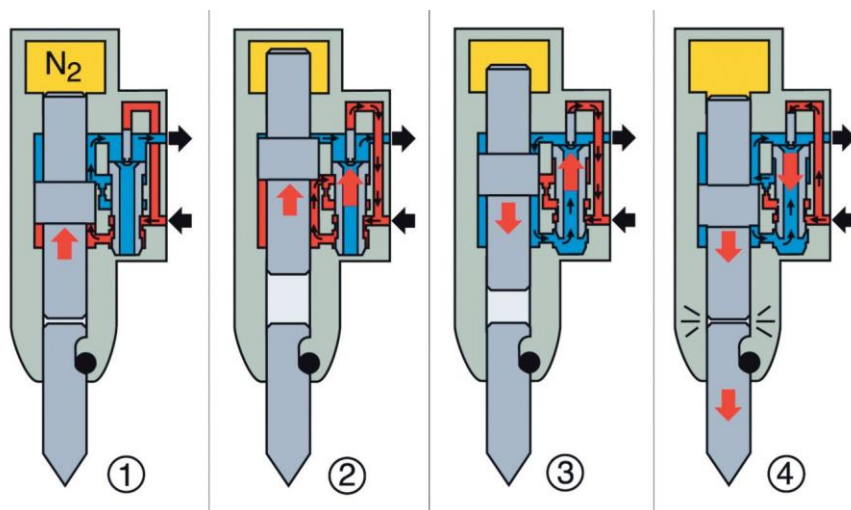
SHOCK ABSORBING CUSHION RUBBERS (FROM GH-7A) LOW VIBRATION & LOW NOISE

The shock absorbing mounting brackets, utilise special heavy-duty rubber mounts to absorb shock, recoil & impulse vibration.

This unique NPK feature minimises machine wear and improves operator comfort for greater reliability and productivity



WORKING PRINCIPLE Chisel / Moil Action



**MOST COMPREHENSIVE RANGE AVAILABLE EXCAVATOR WEIGHT:
0.7 ton through to 120 ton**

TECHNICAL SPECIFICATIONS

MODEL	W-106	GH-06	GH-07	GH-1	GH-2	GH-3
Excavator weight(t)	0,7-1,0	1,2-2,0	1,5-3,0	2,2-3,5	2,7-4,5	4-9
Operating weight*(kg)	62	127	138	221	268	391
Total length(mm)	872	1037	1088	1212	1291	1427
Oil flow(l/min)	15-20	10-25	15-35	25-50	25-60	45-100
Blow frequency(bpm)	900-1200	480-1200	500-1200	550-1100	500-1200	500-1150
Min. excavator pressure(MPa)	15~	17,5~	17,5~	17,5~	21~	17,5~
Chisel/Moil diameter(mm)	41	42	47	57	66	76

MODEL	GH-4	GH-6	GH-7A	GH-9	GH-10
Excavator weight(t)	6-12	12-18	14-21	17-24	21-28
Operating weight*(kg)	634	913	1345	1607	1816
Total length(mm)	1690	1931	2275	2395	2575
Oil flow(l/min)	50-120	90-150	100-180	150-200	165-210
Blow frequency(bpm)	400-1000	460-800	400-750	500-650	430-550
Min. excavator pressure(MPa)	17,5~	21~	21~	21~	21~
Chisel/Moil diameter(mm)	86	106	116	126	136

MODEL	GH-12	GH-15	GH-18	GH-23	GH-30	GH-40
Excavator weight(t)	24-38	28-45	38-50	50-60	50-80	90-110
Operating weight*(kg)	2310	2843	3292	4525	5450	7750
Total length(mm)	2777	2988	3105	3325	3452	3867
Oil flow(l/min)	170-220	200-250	220-290	250-320	280-350	300-400
Blow frequency(bpm)	400-520	350-450	300-400	300-400	310-390	240-330
Min. excavator pressure(MPa)	21~	21~	21~	21~	21~	21~
Chisel/Moil diameter(mm)	146	156	165	174	184	204

***Operating weight including standard top bracket**

(Technical specifications subject to change without prior notice)

Each product sold by NPK is subject to an express written warrantee.