



Side Type Hydraulic Hammer



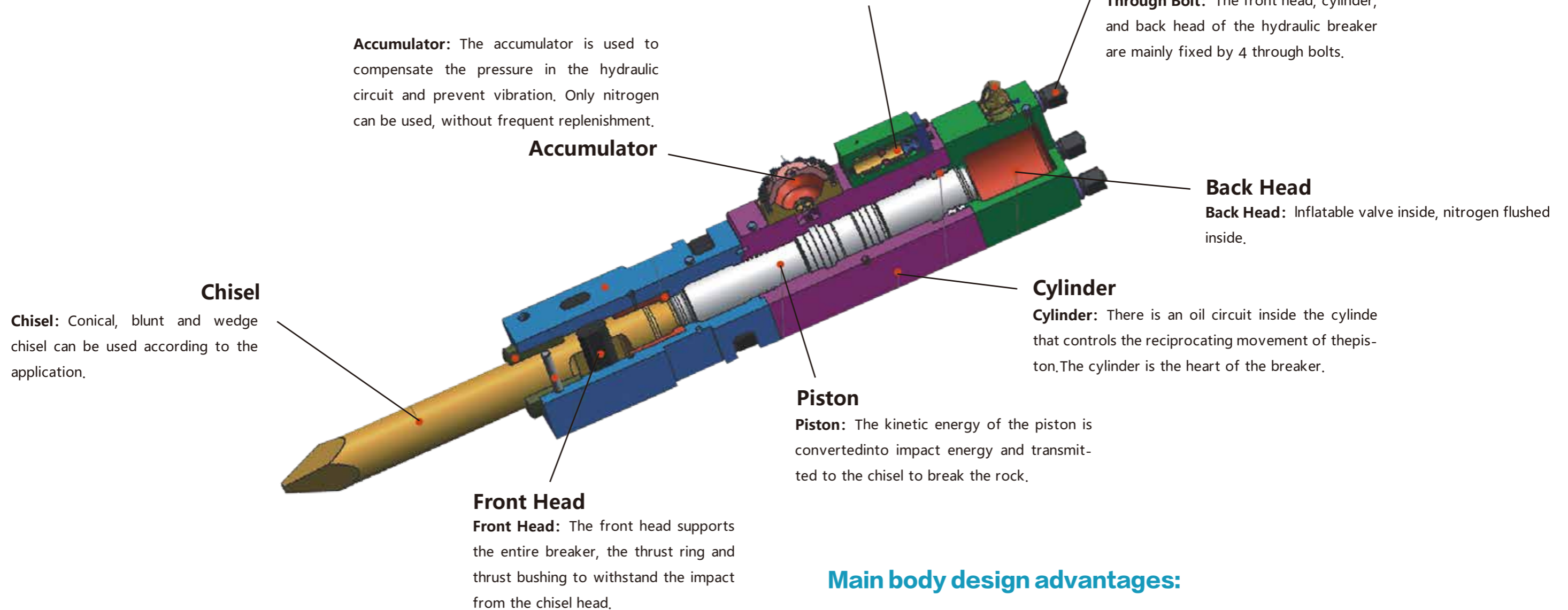
Main parameters

	Unit	Side Type Model Parameters							
		STH040	STH045	STH053	STH068	STH075	STH085	STH100	STH140
Chisel diameter	mm	40	45	53	68	75	85	100	140
Net weight	kg	100	110	165	300	400	480	790	1980
Length	mm	1000	1010	1200	1340	1550	1735	1900	2440
Driving flow	l/min	15-30	20-30	25-50	40-70	45-85	60-100	80-110	160-210
Driving oil pressure	kg/cm ²	90-120	90-120	90-120	110-140	120-150	130-160	150-170	160-180
Impact rate	bpm	800-1230	700-1200	600-1100	500-900	400-800	400-800	350-700	350-500
Single impact energy	j	130	270	400	700	1300	1800	2000	4800
Applicable carrier weight	ton	0.8-2.5	1.2-3	2-4.5	4-7	6-9	8-12.5	10-15	18-26

	Unit	Side Type Model Parameters							
		STH155	STH165	STH175	STH190	STH195	STH200	STH210	STH215
Chisel diameter	mm	155	165	175	190	195	200	210	215
Net weight	kg	2730	3590	4180	5301	5590	5850	6550	6905
Length	mm	2850	2950	3300	3400	3440	3520	3800	3860
Driving flow	l/min	180-240	200-250	210-260	240-280	240-290	280-340	300-380	320-380
Driving oil pressure	kg/cm ²	160-190	180-200	200-240	220-240	220-260	280-300	300-320	300-340
Impact rate	bpm	250-350	200-300	240-320	120-200	120-180	110-180	100-160	120-150
Single impact energy	j	6800	9500	12000	15000	17000	21200	26000	28500
Applicable carrier weight	ton	28-35	30-40	35-45	40-50	45-55	50-65	60-80	70-90

Hydraulic Hammer

Product Details



Housing design advantages:

- 1、 The key parts of the housing are made of wear-resistant materials to effectively protect the hammer core from damage and prolong the service life.
- 2、 The design of reinforcing plate is added to the side plate to make the overall structure of the crushing hammer more stable and greatly improve the overall strength.
- 3、 Groove is adopted for welds in key areas to effectively increase weld penetration and enhance weld connection strength.

Main body design advantages:

- 1、 Simple structure, few parts, simple maintenance and low cost.
- 2、 Better oil-saving effect, high reliable sealing and dust-proof effect which can effectively prevent dust from entering and deteriorate the hydraulic oil.
- 3、 The reverse-thrust is small, and the piston and steel drill adopt the same quality design to optimize the energy transmission.
- 4、 Higher nitrogen pressure is adopted to generate higher strike energy.
- 5、 The optional accumulator has the advantages of instantaneous oil replenishment and pressure peak shaving.
- 6、 Good reliability, few fault sources and low probability of replacing parts.