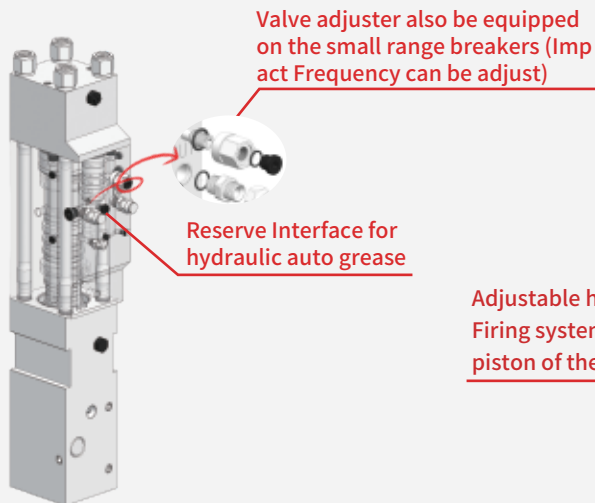


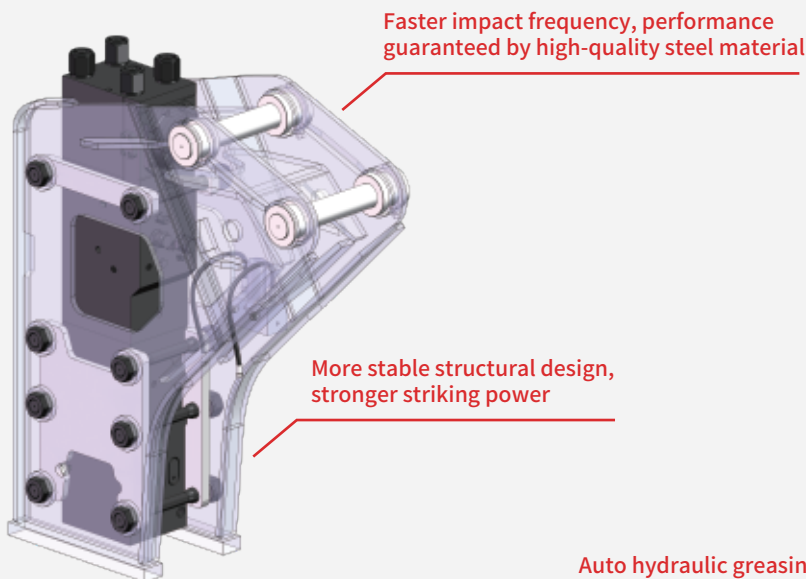
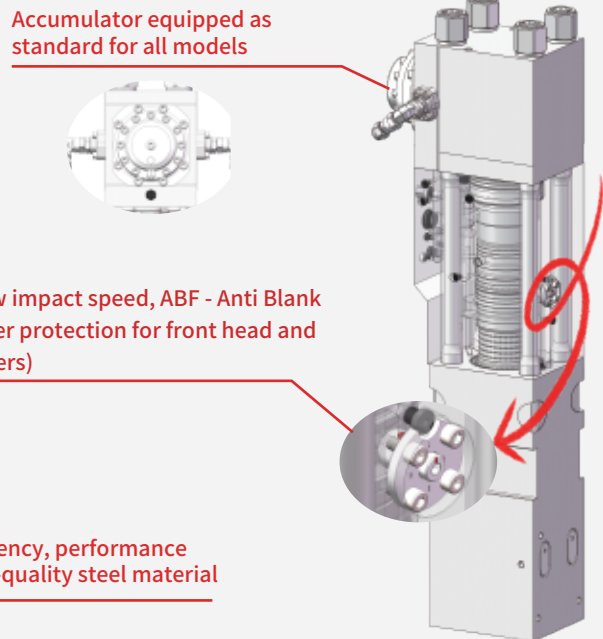


Benefits & Features

Suitable for 5–15 ton small range hydraulic Excavators / Backhoe Loaders / Skid Steer Loaders

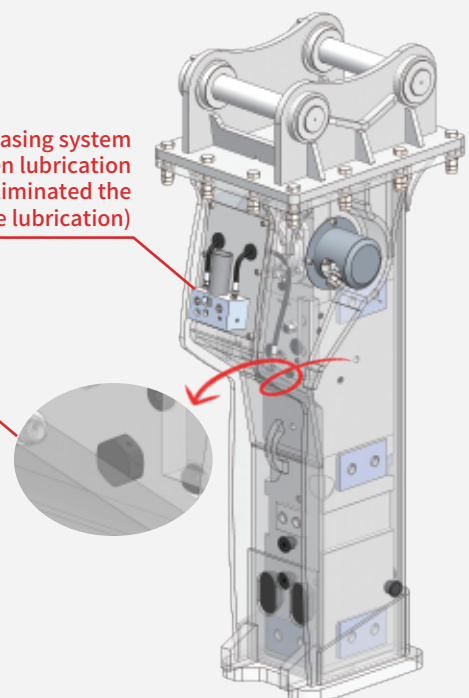


Suitable for 16–60 ton medium and heavy range hydraulic excavators



Auto hydraulic greasing system
(The system only engages when lubrication is demanded. It has completely eliminated the deterioration of hydraulic oil caused by excessive lubrication)

Standard reserved underwater operation interface
(Allows quick switch to underwater working mode when underwater operation is needed)



The RQ-series have been designed with many special features :

The advanced gas & oil percussion mechanism generates extra power by accumulated gas pressure which ensures a very reliable performance with a wide range of excavator pump conditions.

IPC & ABF System

Integrated Power Control & Anti-Blank Firing System

allows you to choose from 3 different modes.

The automatic anti blank Firing function (shutoff) can be switched off or on . The operator can select the correct operating mode from high frequency with normal power to low frequency with extra power . With this advanced system, the operator may choose the correct mode in accordance with site requirements in a matter of minutes and with a minimum of hassle.

Auto shut-off & easy start function

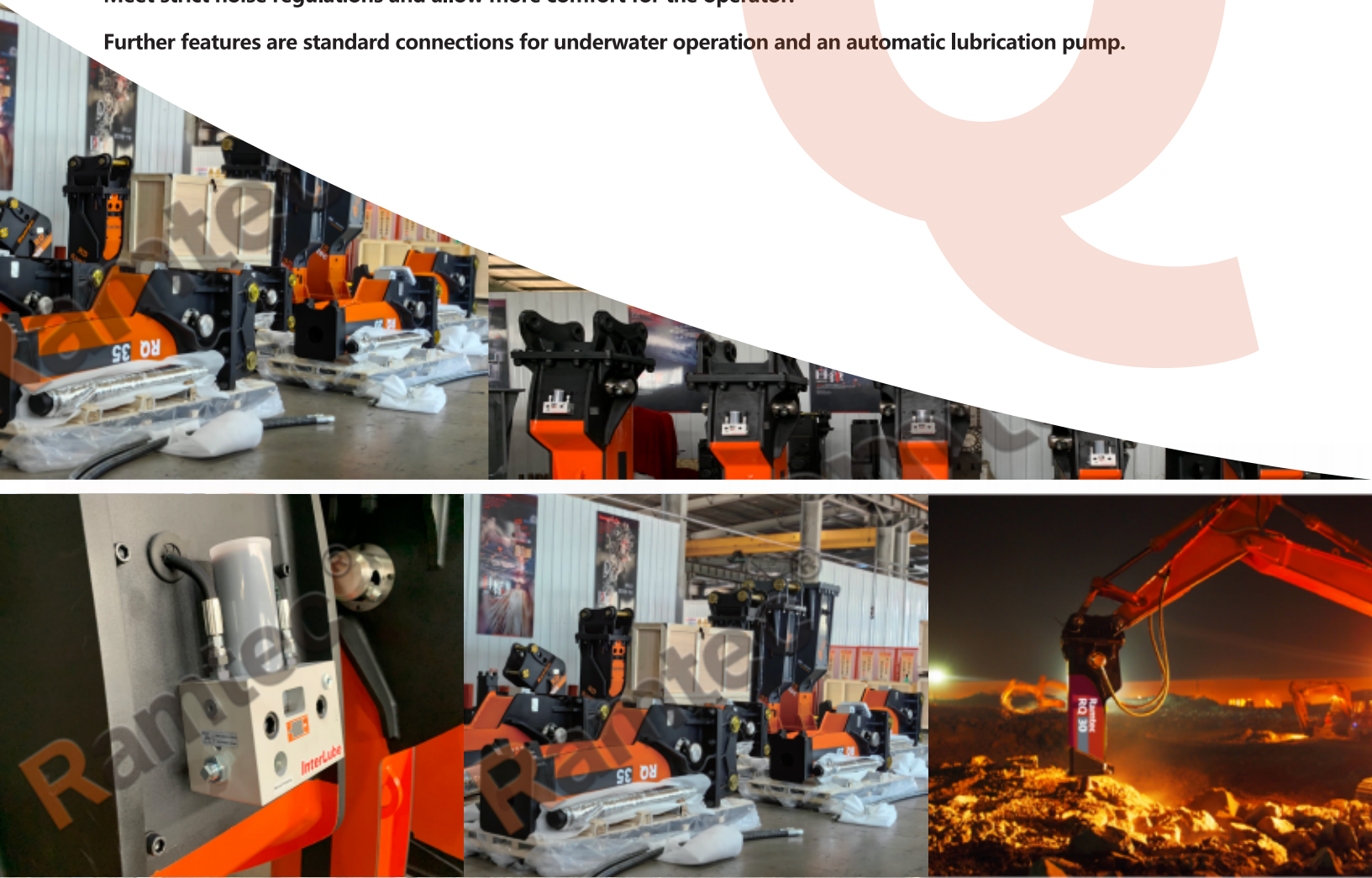
Breaker operation can be automatically stopped in order to prevent consequential damage to the power cell due to the blank Firing. Especially in secondary breaking or when the operator is unskilled.

Breaker operation is easy to restart when soft pressure is applied to the chisel to the work surface.

Enhanced vibration dampening & sound suppression system

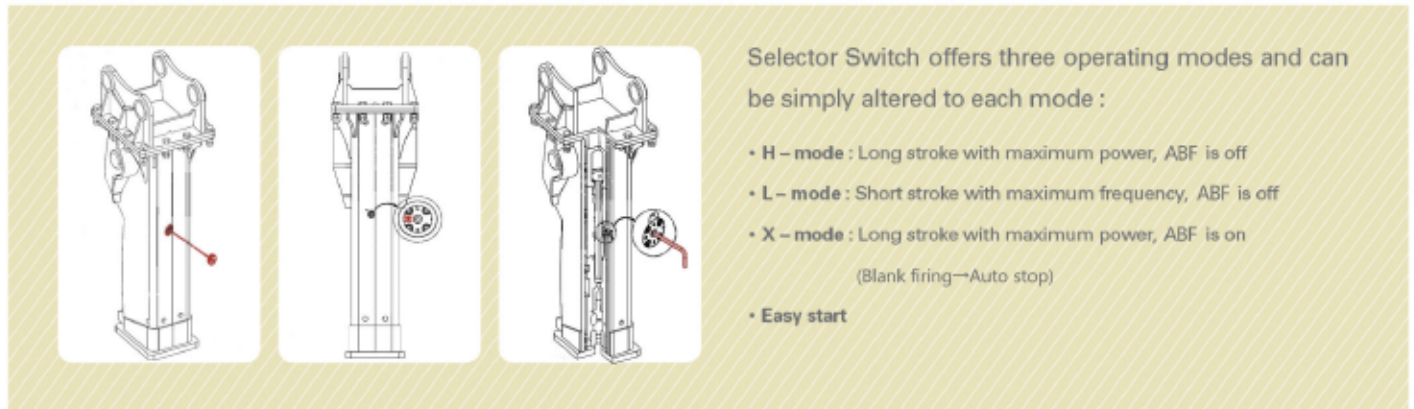
Meet strict noise regulations and allow more comfort for the operator.

Further features are standard connections for underwater operation and an automatic lubrication pump.



IPC&ABF SYSTEM CONTROL

[Technical Specifications RQ line]



Power control & Anti blank firing system

H-mode: Long stroke &Extra power,ABF is OFF

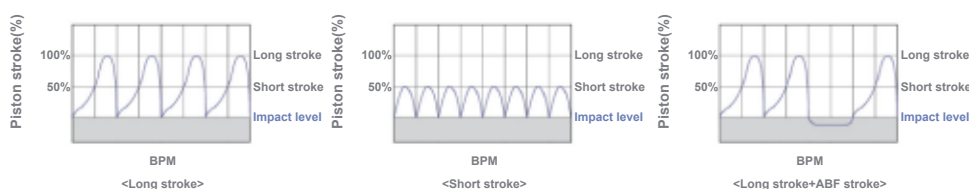
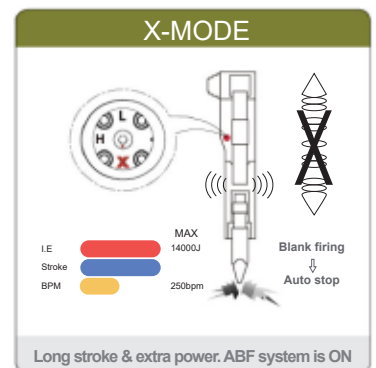
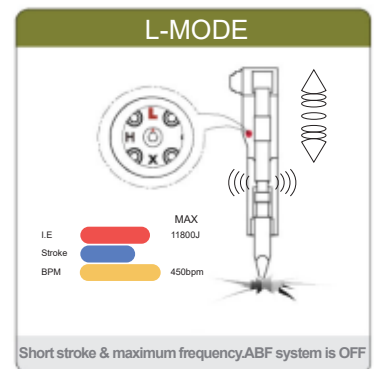
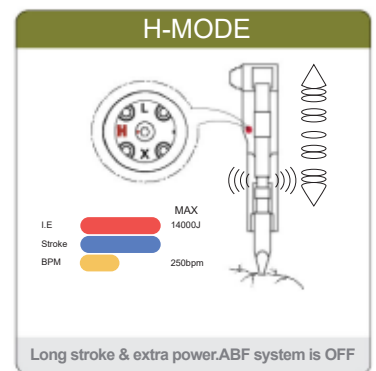
- Mode used for hard rock breaking such as primary breaking,trench works and foundation works where the rock condition is constant.
- Hammer can be started without applying contact pressure to the working tool.

L-mode: Short stroke &Maximum frequency,ABF is OFF

- Hammer can be started without applying contact pressure to the working tool.
- This mode is used for soft rock and semi-hard rock breaking.
- High impact frequency and normal power provides higher productivity and reduces strain on the hammer and the carrier

X-mode: Long Stroke &Extra power,ABF is ON

- This mode is used for hard rock breaking such as primary breaking,trench work,and secondary reduction works,where the rock condition is not constant.
- In ABF(Anti-blank firing)working mode,it switches off the hammer automatically and prevents the blank firing,as soon as the material is broken.
- The hammer can be easily restarted when minimal contact pressure is applied to the working tool.
- The ABF system reduces strain on the hammer and the carrier.

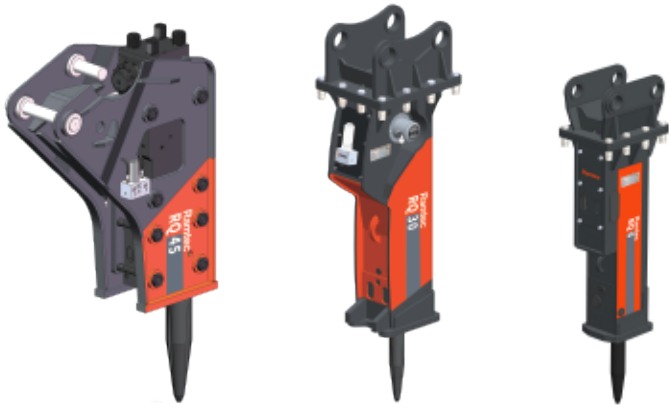


Specifications

Description	unit	RQ1	RQ2	RQ3	RQ6	RQ8	RQ10
Operation weight	kg	104	130	156	299	379	556
Required oil flow	l/min	15-35	20-45	25-55	40-75	50-90	60-100
Operation pressure	bar	90-120	90-120	90-120	110-140	120-150	130-160
Impact rate	bpm	800-1350	700-1350	600-1250	570-1000	540-800	500-760
Tool diameter	mm	40	45	53	68	75	85
Impact power	J	280	300	385	640	850	1350
Carrier weight	ton	0.8-2.5	1.2-3.0	2.0-4.5	4-9	5-12	9-13

Description	unit	RQ15	RQ18	RQ20	RQ22	RQ28
Operation weight	kg	845	1607	1759	2053	2185
Required oil flow	l/min	80-120	90-120	100-150	120-180	150-210
Operation pressure	bar	150-170	150-170	160-180	160-180	160-180
Impact rate	H-MODE bpm	455-730	350-650	350-600	350-500	300-450
	L-MODE bpm	455-730	600-850	500-850	500-700	430-580
Tool diameter	mm	100	125	135	140	150
Impact power	J	2250	2750	3600	3895	5000
Carrier weight	ton	9--16	15-18	16-21	18-26	25-30

Description	unit	RQ30	RQ35	RQ35F	RQ40	RQ45
Operation weight	kg	2671	3033	3169	3950	4380
Required oil flow	l/min	180-240	200-260	200-260	210-290	230-300
Operation pressure	bar	160-180	160-180	160-180	160-180	180-200
Impact rate	H-MODE bpm	300-450	250-400	200-350	200-350	200-350
	L-MODE bpm	430-580	380-550	300-500	300-470	300-450
Tool diameter	mm	155	165	165	175	185
Impact power	J	5950	6950	9400	11000	15500
Carrier weight	ton	28-35	30-42	35-45	42-52	50-65



RQ Line Silenced Series

RQ

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