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Distributor





One of the most reliable breakers in the world...

The Toku TNB breaker is one of the most reliable breakers in the world. The TNB design incorporates only two moving parts, which leads to better reliability and longer life.

Most of conventional hydraulic breakers have built-in accumulators, which may cause problems.

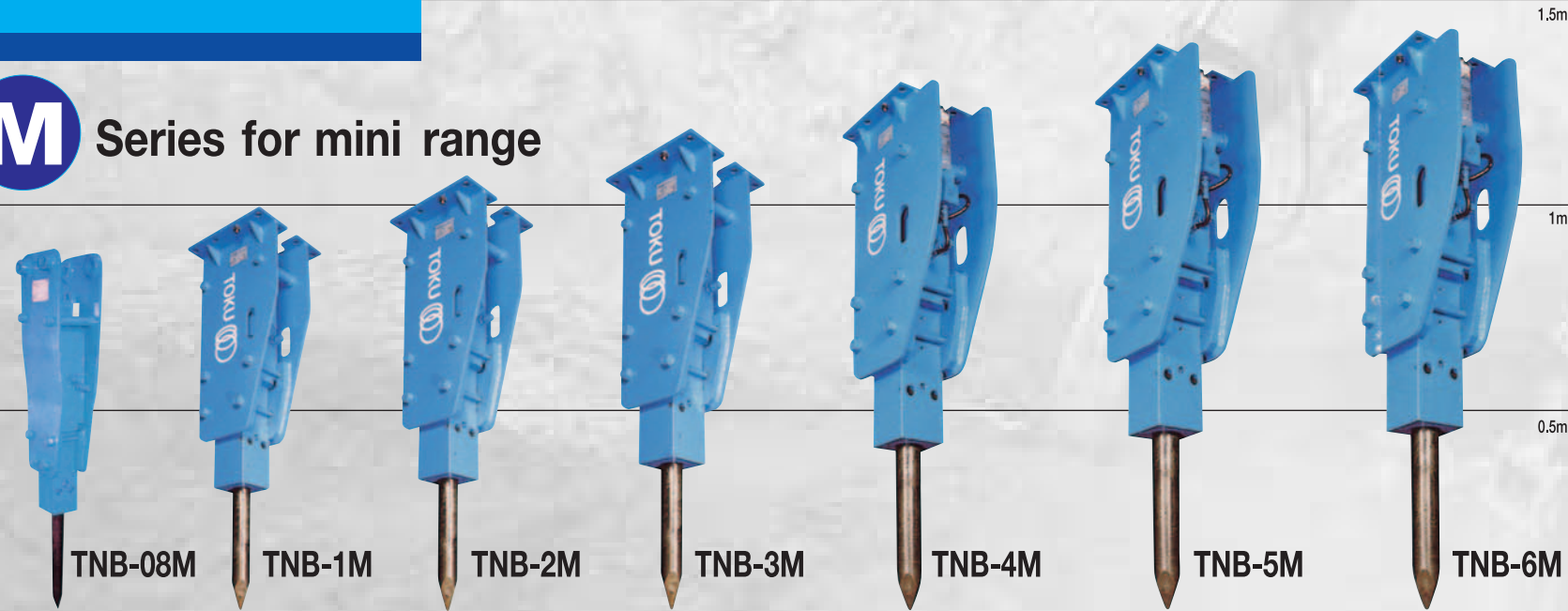
Toku succeeded to develop the TNB breaker without a built-in accumulator for the complete series.

Even without a built-in accumulator, the performance of the TNB breakers are at high levels due to the optimal piston design and its stroke movement.

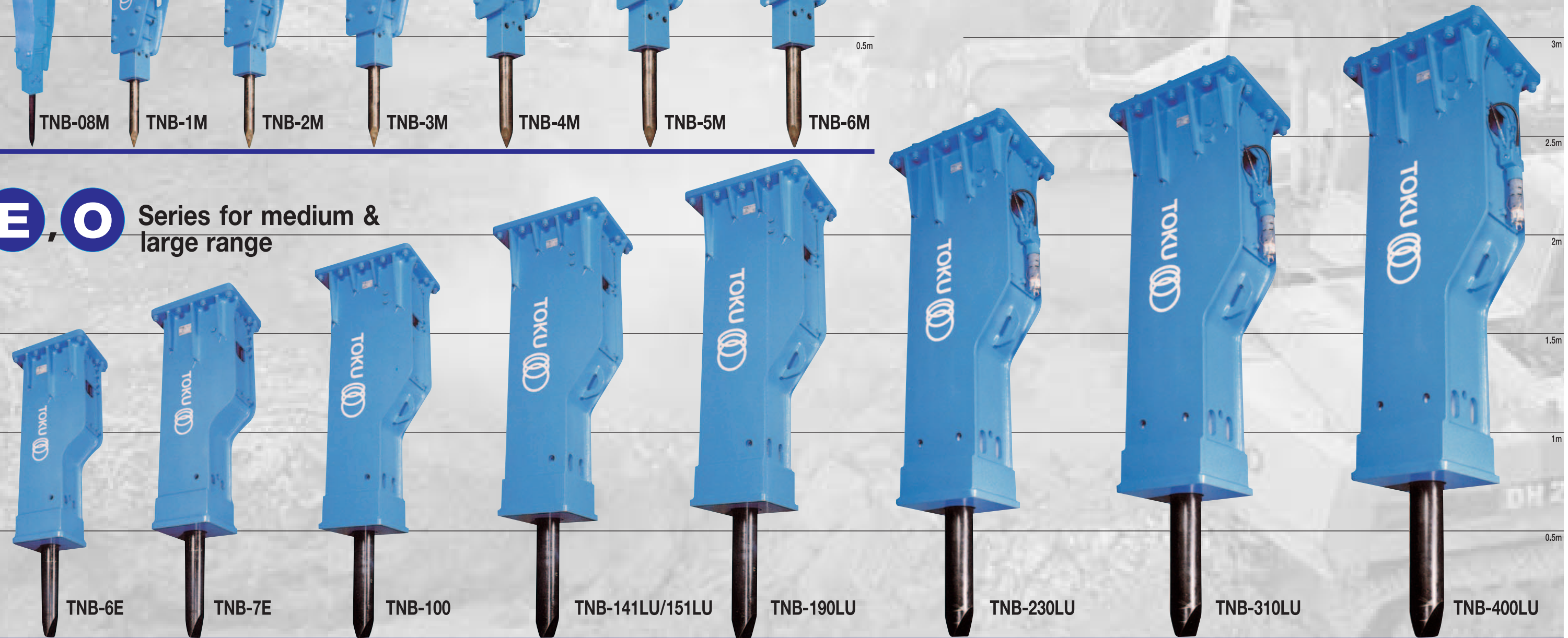
It transfers the striking force to the top of the chisel most effectively.



M Series for mini range



E O Series for medium & large range



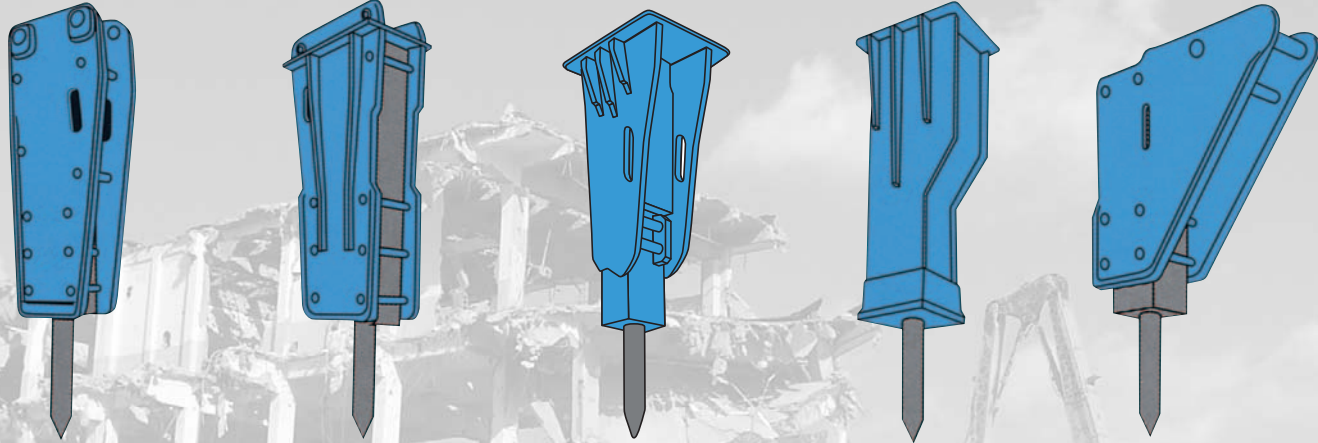
Specifications

※ photo of Autogrease system as option

Model		TNB-08M	TNB-1M	TNB-2M	TNB-3M	TNB-4M	TNB-5M	TNB-6M	TNB-6E	TNB-7E	TNB-100	TNB-141LU	TNB-151LU	TNB-190LU	TNB-230LU	TNB-310LU	TNB-400LU
Working Weight	kg																
1 pce plate case		60	85	115	175	240	300	340	420	945	1015	1600	1590	1930	2480	-	-
2 pcs plate case		75	100	140	200	280	345	350	490	1000	1155	1700	1920	2140	2690	3560	5220
Box case		85	120	160	240	335	400	410	580	1100	1205	1900	2010	2220	2640	3540	5010
Oil Flow	l/min	18-25	20-30	20-35	25-45	30-55	35-60	40-70	45-80	70-110	100-140	130-170	160-200	160-210	180-230	240-300	280-390
Operating Pressure	Mpa	6-13	7-14	8-15	10-15	10-16	10-16	10-16	10-16	12-17	12-17	13-17	14-18	14-18	13-18	14-18	14-18
Impact Rate	bpm	930-1300	700-1200	600-1150	550-1000	580-1060	550-1000	600-1050	550-1000	450-700	430-600	490-650	450-600	370-490	380-450	370-470	370-470
Tool Diameter	mm	40	45	50	58	64	75	75	95	115	115	135	135	140	146	160	178
Impact Energy	J	99.9	158.3	230.4	320.9	454.7	494.7	577.8	690	1502	2217	2855	3579	4691	5719	7306.8	-
Hose Size	inch	3/8	1/2	1/2	1/2	1/2	1/2	3/4	3/4	3/4	1	1	1	1	1	1-1/4	1-1/4
Gas Pressure	Mpa	0.8	0.8	0.8	0.8	0.8	0.8	1	0.8	0.8	0.8	0.8	1.1	0.8	0.8	0.8	0.8
Base Machine	t	0.7-1.5	1-2	1.5-2.5	2.4-4	3-4.5	3.8-6	5.5-8	6-11	8-15	14-20	18-22	18-25	20-30	27-40	38-50	45-70

Bracket type :

1 pc top mount type 2 pc top mount type 2 pc open box type Box (silenced) type Side mount type



Auto grease system : TLS-07-L, TLS-07-S bracket mounted system (Option)

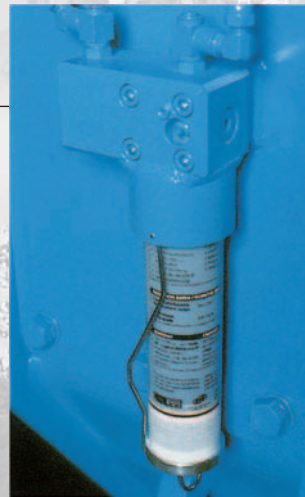
Merit :

- Save human negligence of filling grease
- No control is necessary on greasing several times a day
- Contributing to for longer machine life, especially for chisels
- No extra power source to drive

Applicable hammers are from TNB-4M to TNB-400LU.

TLS-07-S: TNB-4M ~ TNB-100

TLS-07-L: TNB-151LU ~ TNB-400LU



Underwater application :

Through the air port on the hammer body compressed air is supplied into hammer inside and prevent water coming in and enables hammering work in the water.



Tool selection :

Type	Purpose	Application	Shape
Moil point	Largely breaking	Reinforced concrete Rock bed	
Flat	Wedge action	Trenching and slope finishing	
Flat end	Large stone into small	Boulders and concrete	

“ Long type tools are available as option ”



Toku's sales and service network is available worldwide.

We are pleased to help with your questions concerning applications, choosing the right beaker for a carrier, theoretical and practical training sessions and or the maintenance of breakers.

Our service network is also established worldwide. Excellent support is provided through our authorized distributors.

