



Hydraulic Breakers







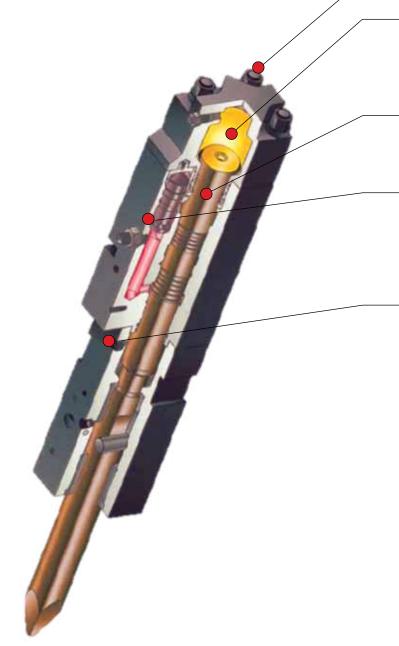
Toku's TNB breakers deliver exceptional; impact energy, long life and low operating costs. They minimize operator fatigue and environmental impact. These unique benefits are due to an innovative blend of simple yet efficient design and advanced "accumulator free" technology. With a complete range of 15 breakers based on the same design philosophy, TNB breakers are ideal for applications from construction and demolition to rental, recycling, mining and quarrying.

DESIGN CONCEPT

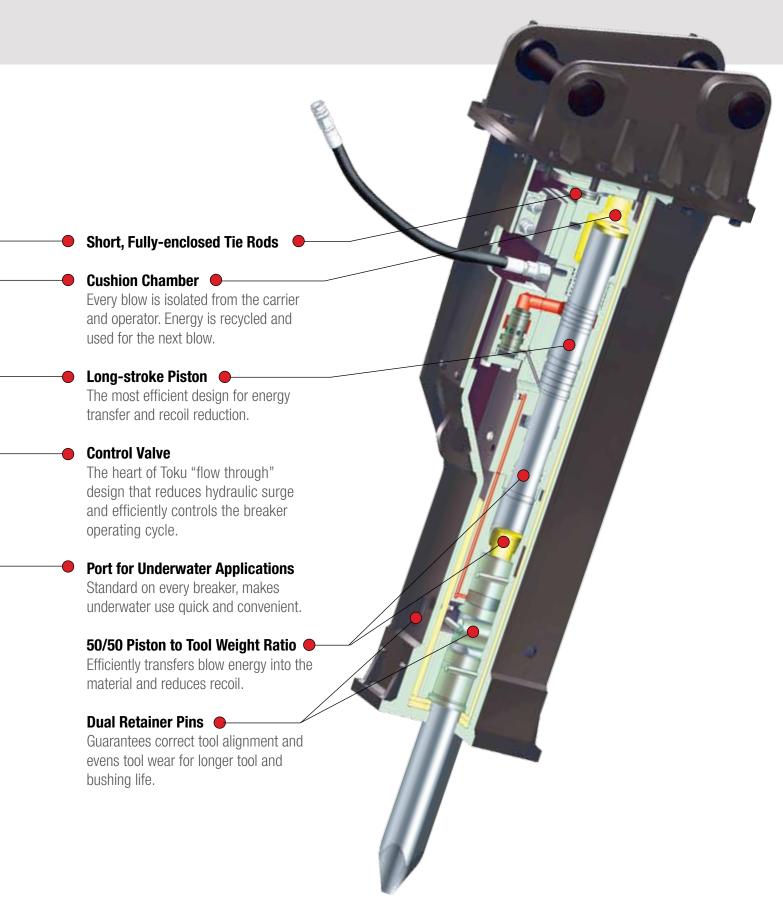
Adaptable – The Toku breakers are not sensitive to system back pressure and can be powered by the wide variety of carriers in the field. With Toku's innovative side plate and bracket system, one breaker can be moved from one machine to another with a simple pin and bushing change so you get more return on your investment. For example, one hammer will fit a skid steer loader and is then easily moved to a compact excavator.

User Friendly – Using a low pressure nitrogen charge, the Toku breaker cushions every blow. This reduces wear and tear on the carrier and adds to operator comfort.

Low Operating Costs – Featuring only two moving parts and few seals. Toku breakers offer more "up-time" along with simple in the field maintenance. When a repair is required the Toku breaker will be back on the job quickly and at a reasonable cost.



Hydraulic Breaker Features







9.8' (3.0 m)

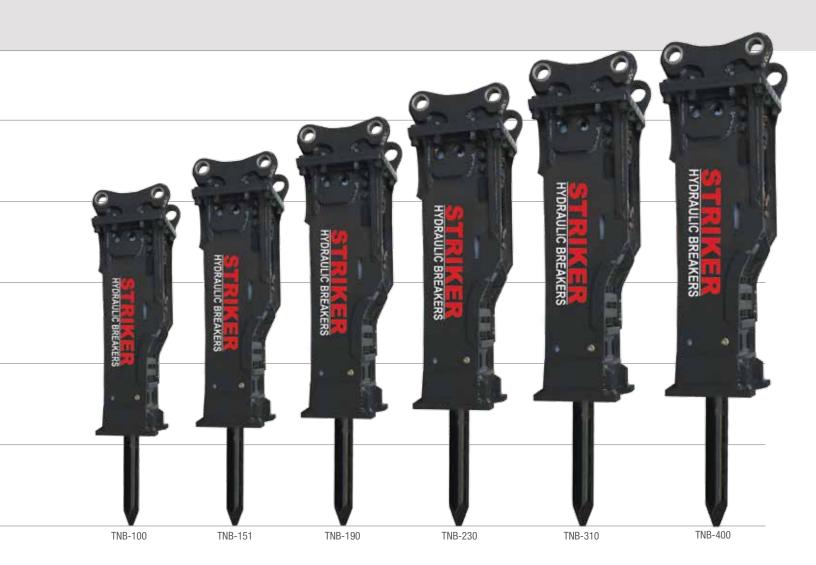
8.2' (2.5 m)

6.6' (2.0 m)



MODEL	TNB-08	TNB-1M	TNB-2M	TNB-3M	TNB-4M	TNB-5M	TNB-6M
Impact Energy Class: ft-lb (Nm)	100 (136)	150 (203)	250 (339)	350 (475)	550 (745)	825 (1,118)	1000 (1,356)
Impact Frequency: bpm	930-1300	700-1200	600-1150	550-1000	560-1060	550-1000	600-1050
Working Weight							
1 pc top mount type - lb (kg)	165 (75)	187 (85)	242 (110)	418 (190)	485 (220)	672 (305)	805 (365)
2 pc top mount type - lb (kg)	-	-	-	463 (210)	562 (255)	694 (315)	772 (350)
Box Bracket - Ib (kg)	198 (90)	264 (120)	364 (165)	562 (255)	705 (320)	849 (385)	904 (410)
Operating Pressure							
psi	870-1,885	1,015-2,030	1,160-2,175	1,450-2,175	1,450-2,320	1,450-2,320	1,450-2,320
Мра	6-13	7-14	8-15	10-15	10-16	10-16	10-16
Oil Flow							
gpm	4.75-6.6	5.3-7.9	5.3-9.2	6.6-11.9	7.9-14.5	9.2-15.3	10.5-18.5
L/min	18-25	20-30	20-35	25-45	30-55	35-60	40-70
Chisel Diameter - inch (mm)	1.57 (40)	1.77 (45)	2.0 (50)	2.28 (58)	2.5 (64)	3.0 (75)	3.0 (75)
Hose Size - inch	3/8	1/2	1/2	1/2	1/2	1/2	3/4
Base Carrier - mt	.7-1.5	1-2	1.5-2.5	2.4-4	3-4.5	3.8-6	5.5-8

A Full Line for Any Application



TNB-6E	TNB-7J	TNB-100	TNB-151	TNB-190	TNB-230	TNB-310	TNB-400
1500 (2,034)	2000 (2,712)	3,000 (4,067)	4,500 (6,101)	5,550 (7,457)	7,500 (10,169)	10,000 (13,558)	12,000 (16,270)
550-1000	450-720	430-600	490-630	370-490	380-450	370-470	370-470
-	-	-	-	-	-	-	-
992 (450)	-	-	-	-	-	-	-
1257 (570)	2090(950)	2,734 (1,240)	3,968 (1,800)	4,960 (2,250)	5,952 (2,700)	7,937 (3,600)	10,031 (4,500)
1,450-2,320	2030-2610	1,740-2,465	2,030-2,610	2,030-2,610	1,885-2,610	2,030-2,610	2,030-2,610
10-16	14-18	12-17	14-18	14-18	13-18	14-18	14-18
11.9-21.1	21.1-31.7	26.4-37.0	42.2-52.8	42.2-55.5	47.5-60.7	63.4-79.2	74.0-103.0
45-80	80-120	100-140	160-200	160-210	180-230	240-300	280-390
3.75 (95)	4.13 (105)	4.5 (115)	5.3 (135)	5.5 (140)	5.75 (146)	6.3 (160)	7.0 (178)
3/4	3/4	3/4	1	1	1	1 1/4	1 1/4
6-11	8-14	14-20	18-25	20-30	27-40	38-50	45-70

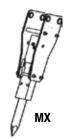


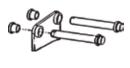


${\color{red} \textbf{Mounting Options}} \quad {\color{red} \textbf{Abbreviations: MX-Mini-Excavator, SSL-Skid steer Loader, BHL-Backhoe Loader, EX-Excavator}}$

TNB-08M/1M/2M

DINGO-STYLE PLATE



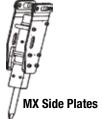


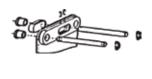


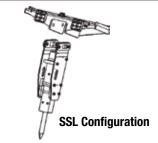
Pin & Bushing Kit

TNB-2M/3MB/4M/5M

1-POS. UNIVERSAL PLATE



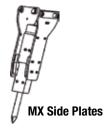


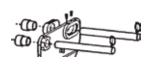


Pin & Bushing Kit

TNB-5M/6M

2-POS. UNIVERSAL PLATE







Pin & Bushing Kit

SPECIAL ADAPTERS (Offered in Pin-On and Bolt-On)



DEERE ZTS



KUBOTA



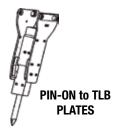
OEM TOP CAP

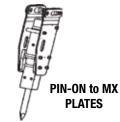


BOBCAT STYLE



WAIN-ROY STYLE







Attachments & Add Ons

Lube-Systems and Guards









Breaker Mounted Unit

Lube-Guard

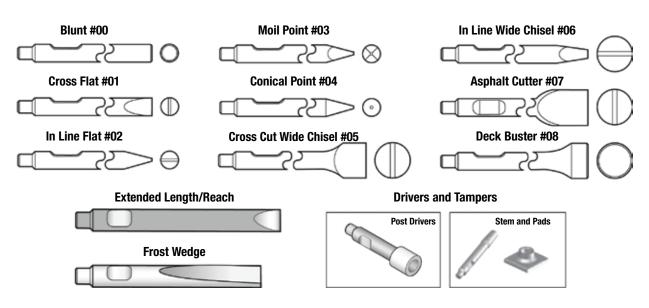
Machine Mounted Unit

Chisel Paste

STRIKERMAXX LUBE-SYSTEMS and GUARDS		
StrikerMaxx	TNB-151-400 Breaker Mounted	
StrikerMaxx Guard	TNB-151-400 Breaker Mounted	
StrikerMaxx 2	TNB-6E-400 Breaker Mounted	
StrikerMaxx 2 Guard	TNB-6E-400 Breaker Mounted	
StrikerMaxx Compact	TNB-1M-6M Breaker Mounted	
StrikerMaxx Compact Guard	TNB-1M-6M Breaker Mounted	
BHL/MX Lube P203-4	For TLB/MX; 4 Liter; Backhoe Mounted	
BHL/MX Lube P203-8	For TLB/MX; 8 Liter; Backhoe Mounted	
5 Gallon Lube System	TNB-7E and Larger; Excavator Mounted	

CHISEL PASTE for STRIKERMAXX LUBE-SYSTEMS and GREASE CARTRIDGES		
StrikerMaxx Chisel Paste 14 oz Tubes	For TNB-1M-400 StrikerMaxx Lube Systems	
Chisel Paste 14.4 oz Tubes	All Breaker Sizes; Grease Cartridge Style	
Chisel Paste 35 lb Pail	For Backhoe Mounted Lube Systems	
Chisel Paste 120 lb Keg	For Backhoe Mounted Lube Systems	

Point Styles & Special Application Bits





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