

Hydraulic Breaker

Product and marketing information

Managed by	Region	Machine Model	Release date	Pages
	AMEA	EXC – TLB - SSL		

Hydraulic Breakers



FEATURES

- Technology gives consistent performance on every blow
- Easy service and maintenance
- Low fatigue on base machines
- High Returns on Investments
- Low running cost
- Ensured reliability
- Quality verified & approved by CASE engineering team
- CASE Rock Breaker with across the nation warranty
- High impact energy & Impact rate

TYPE

- CASE Rock Breaker provide optimized rotation angles & allow a wide range of work positions.
- Fully enclosed power cell for maximum component protection from work materials
- Sound absorbing elements inside housing, lower noise output for sound sensitive applications

CASE Genuine Parts product range offers strong, reliable & productive hydraulic Rock Breaker for Loader Backhoes with a complete range of hammer tools for all the applications. This offers customers the freedom to choose the best tool combination, according to machine requirement, which ensures maximum productivity.



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**Genuine Parts
HIGH PERFORMANCE**

CASE
CONSTRUCTION

Hydraulic Breaker

Product and marketing information

Breaker and machine compatibility

Excavators



Breaker	CB20	CB40	CB40	CB60	CB80	CB140	CB160	CB200	CB210	CB230	CB260	CB300	CB380	CB400	CB550	CB550	CB800	CB800
PN	73347109	73347110		73347111	73347112	73347113	73347117	73391589	73347114	73391960	73347118	73347119	73347115	73391587	73347120		73347121	
Carrier	CX17C	CX33	CX26C	CX57	CX75	CX130	CX160	CX210	CX210	CX210	CX240	CX300	CX350	CX350	CX470	CX470ME		
	CX18C	CX37C	CX30C	CX60C	CX80	CX145	CX180	CX220	CX220	CX220	CX250	CX300	CX370	CX370	CX490	CX500	CX700	CX800
								CX235	CX235	CX235	CX260		CX380	CX380				



To meet our mission of extending full product/parts support to our dealers and customers with a comprehensive solution for their requirements, CASE has launched its Rock Breaker. CASE Rock Breaker mounting accessories, brackets and hose kits are CASE engineered and designed, for maximum efficiency in all its applications. This also includes pin and bushing kits, hose kits and mounting brackets for all CASE machines.

CASE Rock Breaker are supported with spare parts, manuals and technical support at all times to minimize downtime and maintain application demand. CASE Rock Breaker installations are taken care by CASE After-Sales Support Team and integrates the dealer and customer with its Attachment Product Training to sync into the CASE system.

Hydraulic Breaker

Product and marketing information

SSL



Breaker	CB40	CB40	CB60	CB60	CB70	CB70	CB80
	Tier 3	Tier 4B	Tier 3	Tier 4B	Tier 3	Tier 4B	Tier 4B
PN	73391951		73391952		73347122		73391953
Carrier	SR130	SR130	SR150	SR160	SR200	SR210	SR210
	SR150	SR160	SR175	SR175	SR220	SR240	SR240
	SR175	SR175	SV185	SV185	SV250	SV280	SV280
	SV185	SV185	SR200	SR210	SR250	SR250	SR250
			SR220	SR240	SV300	SR270	SR270
			SV250	SV280	TR270	SV300	SV300
			SR250	SR250	TR320	SV340	SV340
			SV300	SR270	TV380	TR270	TR270
			TR270	SV300		TR310	TR310
			TR320	SV340		TR340	TR340
			TV380	TR270		TV380	TV380
				TR310		TV450	TV450
				TR340			
				TV380			
				TV450			

Hydraulic Breaker

Product and marketing information

TLB



Breaker	CB61	CB62
PN	73391588	51575022
Carrier	570T	570T
	570ST	570ST
	B80B	B80B
	770EX MAG.	770EX MAG.
	85 IEX	85 IEX
	580T S'TYLED	580T S'TYLED
	B90B S'TYLED	B90B S'TYLED
	580ST S'TYLED	580ST S'TYLED
	B100B S'TYLED	B100B S'TYLED
	590ST S'TYLED	590ST S'TYLED
	B110B S'TYLED	B110B S'TYLED
	695ST S'TYLED	695ST S'TYLED
	B115B S'TYLED	B115B S'TYLED
	580T CASE DNA	580T CASE DNA
	580ST CASE DNA	580ST CASE DNA
	590ST CASE DNA	590ST CASE DNA
	695ST CASE DNA	695ST CASE DNA
		580
		580SN
		590SN

Note: As per IMDG (International Maritime Dangerous Goods) Code, 2018 Edition Class 2, UN number 3538, CASE Rock Breakers will be supplied with no gas in back head & accumulator chambers and gas cylinder/bottle with no gas as from the concerned products to be shipped off as from October 1st.

Hydraulic Breaker

Product and marketing information

Breaker specifications

Excavators

		CB20	CB40	CB40	CB60	CB80	CB140	CB160	CB200	CB210	CB230	CB260	CB300	CB380	CB400	CB550	CB550	CB800	CB800	
Operating weight*		kg	138	192	190	303	499	1018	1253	1468	1613	1873	2087	2564	2828	3330	4167	4174	5909	5936
Breaker bracket weight			29	36	34	60	73	126	185	196	196	236	238	331	331	331	522	529	821	846
Operating pressure		kg/cm2	90~120	90~120	90~120	110~165	140~170	140~190	140~190	150~190	160~190	160~190	160~190	160~190	160~190	150~190	150~190	150~190	170~210	170~210
Port relief setting pressure**		kg/cm2	175	175	175	175	175	210	210	210	210	210	210	210	230	230	210	210	250	250
Oil flow		lpm	13~30	20~60	20~60	29~60	38~85	68~119	85~127	85~131	102~132	119~161	127~178	153~204	170~221	187~238	204~272	204~272	238~323	238~323
Blow rate	Power mode	bpm	550~1000	600~1500	600~1500	380~1000	400~800	350~550	320~550	320~500	320~480	340~450	270~400	250~380	230~400	230~345	230~330	230~330	220~300	220~300
	Speed mode						600~1100	600~900	400~700	400~650	400~600	420~550	330~500	300~450	270~470	270~410	270~500	270~500	290~400	290~400
Tool diameter		mm	45	57	57	70	80	105	115	125	135	135	145	150	155	165	175	175	200	200
Suitable carrier		ton	0.8~2.5	1.5~4.0	1.5~4.0	3~6.5	4.5~8.0	10~15	12~18	16~22	18~24	20~26	24~30	25~36	28~42	34~50	40~60	40~60	58~100	58~100
Allowable back pressure		bar	58	56	56	43	37	70	37	62	54	22	49	68	53	59	49	49	33	33

SSL

		CB40	CB40	CB60	CB60	CB70	CB70	CB80
		Tier 3	Tier 4B	Tier 3	Tier 4B	Tier 3	Tier 4B	Tier 4B
Operating weight*	kg	270	270	357	357	430	430	542
Breaker bracket weight		114						
Operating pressure	kg/cm2	100~190	100~190	110~190	110~190	120~190	120~190	140~190
Port relief setting pressure**	kg/cm2	230	230	230	230	230	230	230
Oil flow	lpm	23~70	23~70	35~70	35~70	40~80	40~80	45~90
Blow rate	Power mode	bpm	600~1500	600~1500	380~1000	380~1000	380~900	400~800
	Speed mode	bpm	600~1500	600~1500	380~1000	380~1000	380~900	600~1100
Tool diameter	mm	57	57	70	70	75	75	80
Suitable carrier	ton	1.5~4.0	1.5~4.0	3~6.5	3~6.5	4.5~8	4.5~8	4.5~8.0
Allowable back pressure	bar	74	74	57	57	66	66	43

1* : Operating weight includes breaker bracket with 2 pins, one work tool and two hydraulic hoses.

Operating weight is only indicative one for the purpose of sharing with Buyer and subject to change

2. ** : Guide for carrier port relief valve pressure setting

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Breaker specifications

TLB

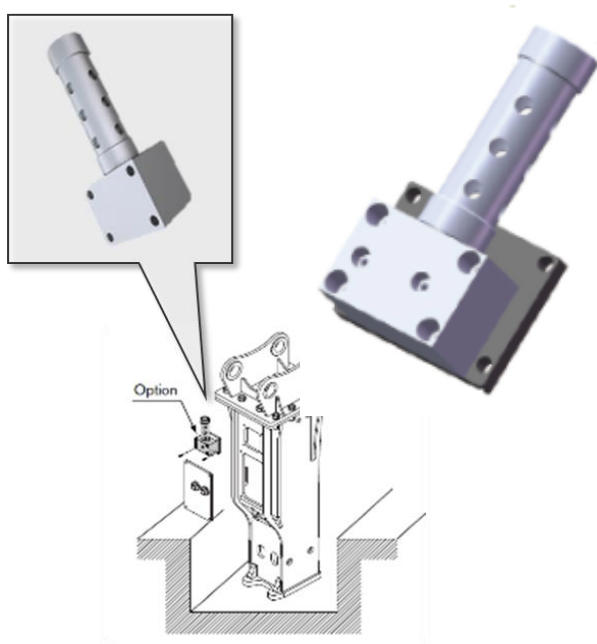
		CB61	CB62
Operating weight*	kg	366	441
Breaker bracket weight		111	111
Operating pressure	kg/cm2	110~165	120~165
Port relief setting pressure**	kg/cm2	175	175
Oil flow	lpm	29~60	34~68
Blow rate	Power mode	380~1000	380~900
	Speed mode		
Tool diameter	mm	70	75
Suitable carrier	ton	3~6.5	4.5~8
Allowable back pressure	bar	43	44

1* : Operating weight includes breaker bracket with 2 pins, one work tool and two hydraulic hoses.

Operating weight is only indicative one for the purpose of sharing with Buyer and subject to change

2. ** : Guide for carrier port relief valve pressure setting

Autolube option



Lack of grease make the customer have to pay a considerable amount of breaker maintenance cost.

Breaker must be greased every 2 hours, when manually greased. Higher productivity by not having to manually grease.

Simple & Durable

All hoses are protected by the housing
(versus Lincoln style)

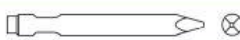
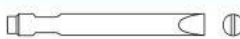
Applicable for.....

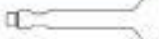
- CB62 to CB800
Vibrating type with rechargeable cartridge
- CBI30 to CB800
Hydraulic motor type with disposable cartridge

Hydraulic Breaker

Product and marketing information

Hydraulic breaker tools

Conventional tool		Application type					Rock type					
		Primary breaking	Secondary breaking	Hard rock removal	Soft material & rock removal	Demolition	Asphalt	Concrete	Limestone	Sandstone	Granite	Basalte
	Moil	●		●	●	●	●	●	●	●	●	●
	Chisel	○		○	●	●	●	○	●	○	○	○
	Blunt		●			○					●	●

Special tool (CB40-CB80)		Application type CB40 - CB80		
		Asphalt removal	Compacting	Post driving
	Spade	●		
	Compacting		●	
	Elephant foot			●

● Applicable ○ Selectively applicable



Hydraulic Breaker

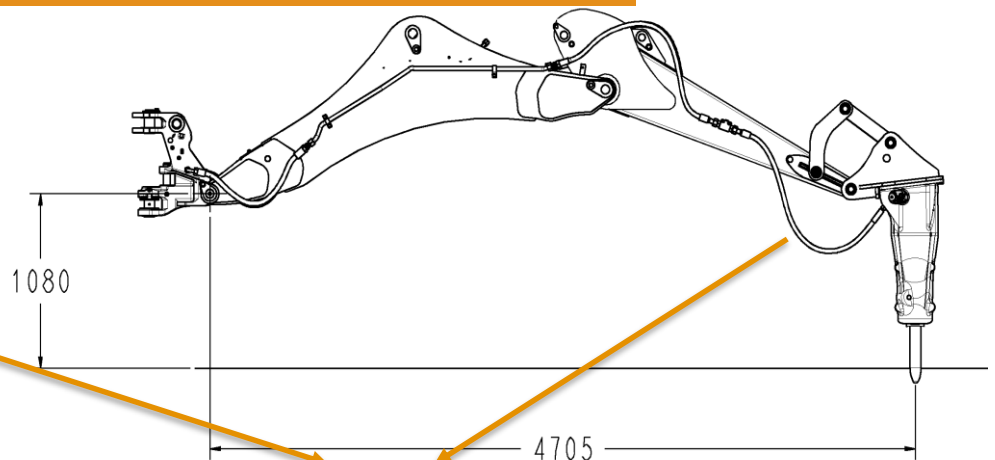
Product and marketing information

Hose kit length definition

14ft and 15ft **STANDARD** Backhoe

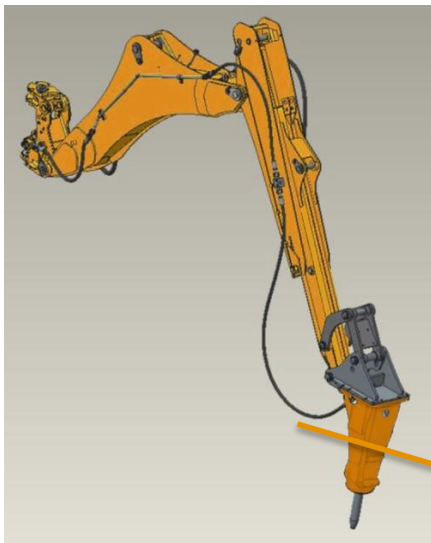


Not applied to avoid kit proliferation

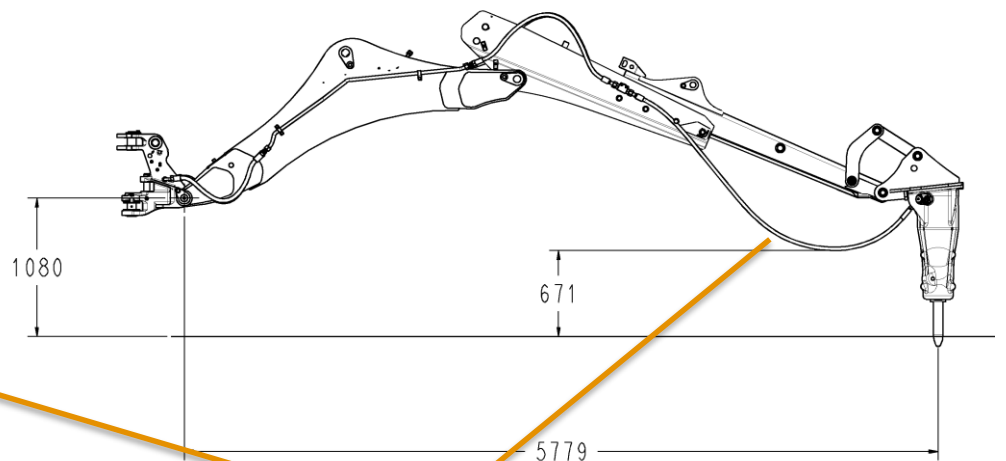


Hose KIT = 1800mm

14ft and 15ft **EXTENSIBLE** Backhoe



Applied on **STANDARD** backhoe as well



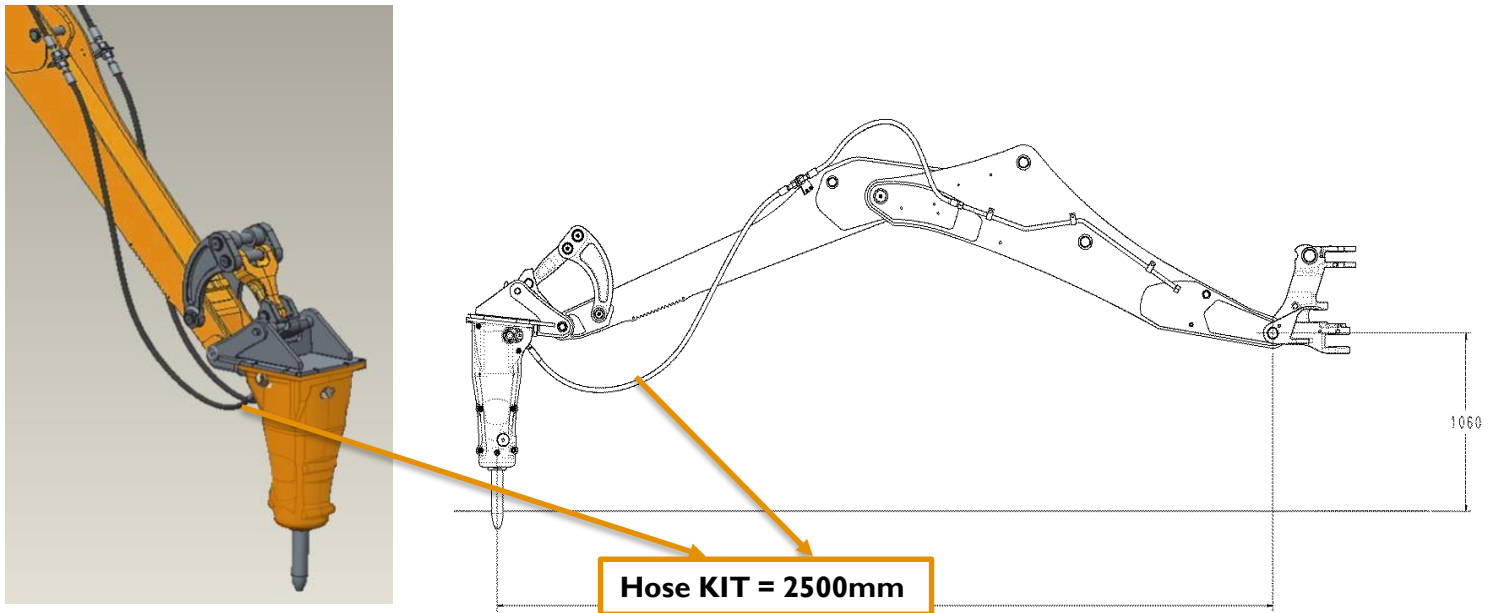
Hose KIT = 2800mm

Hydraulic Breaker

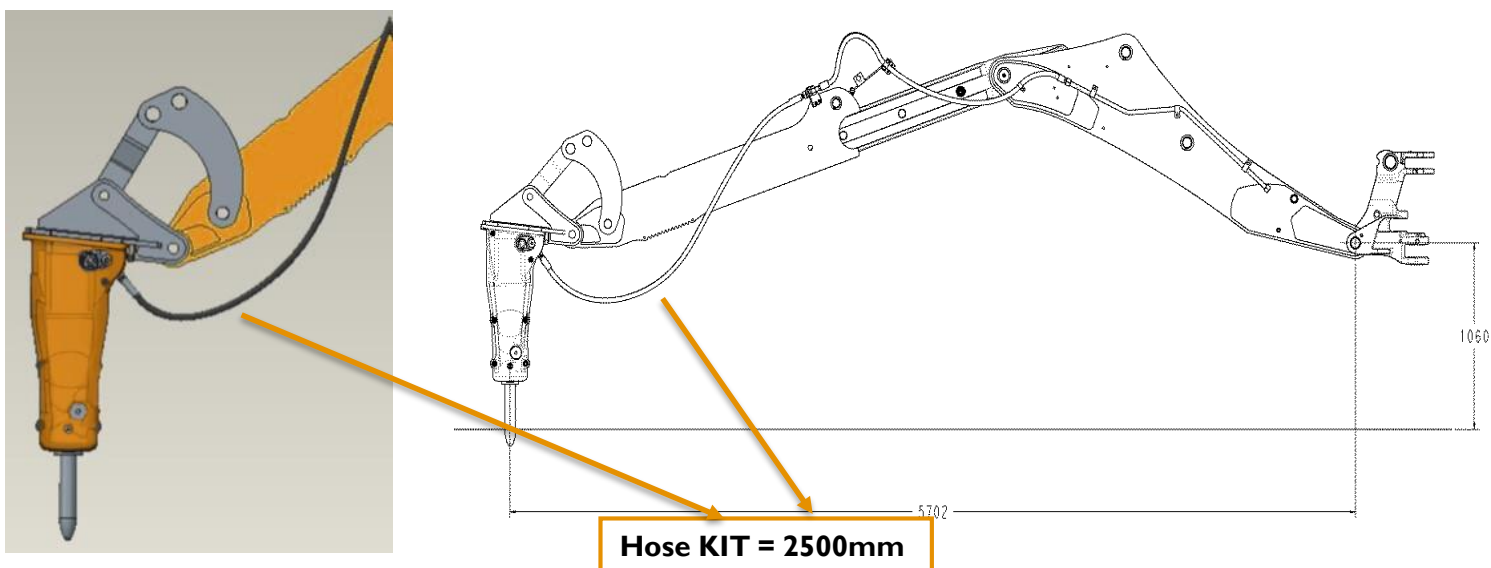
Product and marketing information

Hose kit length definition

14ft and 15ft **STANDARD** Backhoe



14ft and 15ft **EXTENSIBLE** Backhoe



Hydraulic Breaker

Product and marketing information

Breaker Bracket for TLB machines

CB61 CNH Industrial P/N		73391609				73391655								73391591			
CB62 CNH Industrial P/N		73391585				73391586								73391592			
Carrier Model		LECCE MODELS APPLICATION				LECCE MODELS APPLICATION								BURLINGTON MODELS APPLICATION			
		580T DNA				580T IN-LINE								580 N			
		580ST DNA				580ST IN-LINE								580 SN			
		590ST DNA				590ST IN-LINE								580 SN WT			
		695ST DNA				695ST IN-LINE								590 SN			
						PITHAMPUR MODELS APPLICATION											
						570T IN-LINE											
						570ST IN-LINE											
						770EX IN-LINE											
						851EX IN LINE											
Cylinder type		DNA Backhoe (356mm)				IN-LINE CYL. BACKHOE (305mm)				IN-LINE CYL. BACKHOE (399.5mm)				DNA Backhoe Over center			
		14"		15"		14"		15"		14"		15"		14'		15'	
		STD	EXT	STD	EXT	STD	EXT	STD	EXT	STD	EXT	STD	EXT	STD	EXT	STD	EXT
Fitting type	Direct Fit	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
	Mechanical Quick Coupler Fit	OK	OK	OK	OK	na	na	na	na	OK*	OK*	OK*	OK*	OK	OK	OK	OK
	Universal Quick Coupler Fit	OK	OK	OK	OK	na	na	na	na	OK*	OK*	OK*	OK*	OK	OK	OK	OK

* In travelling mode, breaker must be removed

Hydraulic Breaker

Product and marketing information

Breaker features

Match and attach

In order to ensure the breaker comes ready to install, a select number of parts come together in the box.
Optional items must be selected with purchase order.

Supply Scope



- **Standard**
 - Case branded breaker
 - Maintenance tool kit
 - Operators manual in English

- **Option**
 - Breaker bracket
 - EXC breaker bracket w/ pins
 - TLB breaker bracket w/ pins
 - SSL breaker bracket
 - Hoses for Case EXC, SSL or TLB
 - 2 x working tools
 - Pyramid moil point
 - Chisel
 - Blunt
 - Gas charging kit
 - Standard
 - India
 - Lubrication
 - Hydraulic ALS (auto lube system)
 - Vibrating ALS
 - Manual



Hydraulic Breaker

Product and marketing information

Service Tool Kits – CB20 to CB80

Item	Spec.	Part No.	Q'ty	CB20	CB40	CB60	CB61	CB62	CB70	CB80
Valve puller		73347134	2	x	x	x	x	x	x	x
Gas charging kit	STD	73347135	2	x	x	x	x	x	x	x
Gas charging kit	INDIA	51574857	2	x	x	x	x	x	x	x
BPM meter		51575024	2	x	x	x	x	x	x	x
Upper bush jig	Ø75	73391659	2					x	x	
Upper bush jig	Ø80	73347339	2							x

Service Tool Kits – CB140 to CB800

Item	Spec.	Part No.	Q'ty	CB140	CB160	CB200	CB210	CB260	CB300	CB380	CB400	CB550	CB800
Valve puller		73347134	2	x	x	x	x	x	x	x	x	x	x
Gas charging kit	STD	73347135	2	x	x	x	x	x	x	x	x	x	x
Gas charging kit	INDIA	51574857	2	x	x	x	x	x	x	x	x	x	x
BPM meter		51575024	2	x	x	x	x	x	x	x	x	x	x
Upper bush jig	Ø105	73347435	2	x									
Upper bush jig	Ø115	73391684	2		x								
Upper bush jig	Ø125	73391715	2			x							
Upper bush jig	Ø135	73391504	2				x						
Upper bush jig	Ø145	73391741	2					x					
Upper bush jig	Ø150	73391773	2						x				
Upper bush jig	Ø155	73391578	2							x			
Upper bush jig	Ø165	73391808	2								x		
Upper bush jig	Ø175	73391835	2									x	
Upper bush jig	Ø200	73391887	2										x

Seal Remover Part. No. MKTG084

Hydraulic Breaker

Product and marketing information

Breaker features – CB20 to CB80

	CB20	CB40	CB60	CB61	CB62	CB70	CB80
Easy start	•	•	•	•		•	•
Anti blank firing (auto stop)					•		
Large capacity accumulator				•	•		
Heavy duty oval shape dual tool retaining pins					•		•
Mode selection							•
Heavy duty through bolt (larger diameter)							
Longer service life diaphragm							
Side gas charging port (easy to charge gas)							
Air supply channel							
Heavy duty longer life front head							
Higher torque trough bolt & accumulator bolt							
Large diameter heavy duty through bolt							
Hybrid energy efficiency design	•	•	•	•	•	•	•
High tensile longer life lower & upper bushes	•	•	•	•	•	•	•
Internal valve system	•	•	•	•	•	•	•
Heavy duty closed box housing	•	•	•	•	•	•	•
Low noise breaker	•	•	•	•	•	•	•
Floating power cell	•	•	•	•	•	•	•
Match & attach, ready to run!	•	•	•	•	•	•	•
ALS – vibrating type					•	•	•
ALS – hydraulic type							
Upper bush jig					•	•	•

Hydraulic Breaker

Product and marketing information

Breaker features – CB140 to CB800

	CB140	CB180	CB200	CB210	CB260	CB300	CB380	CB400	CB550	CB800
Easy start										
Anti blank firing (auto stop)	•	•	•	•	•	•	•	•	•	•
Large capacity accumulator	•	•	•	•	•	•	•	•	•	•
Heavy duty oval shape dual tool retaining pins	•	•	•	•	•	•	•	•	•	•
Mode selection	•	•	•	•	•	•	•	•	•	•
Heavy duty through bolt (larger diameter)	•	•	•	•	•	•	•	•	•	•
Longer service life diaphragm	•	•	•	•	•	•	•	•	•	•
Side gas charging port (easy to charge gas)	•	•	•	•	•	•	•	•	•	•
Air supply channel	•	•	•	•	•	•	•	•	•	•
Heavy duty longer life front head	•	•	•	•	•	•	•	•	•	•
Higher torque trough bolt & accumulator bolt	•	•	•	•	•	•	•	•	•	•
Large diameter heavy duty through bolt			•	•	•	•	•	•	•	•
Hybrid energy efficiency design	•	•	•	•	•	•	•	•	•	•
High tensile longer life lower & upper bushes	•	•	•	•	•	•	•	•	•	•
Internal valve system	•	•	•	•	•	•	•	•	•	•
Heavy duty closed box housing	•	•	•	•	•	•	•	•	•	•
Low noise breaker	•	•	•	•	•	•	•	•	•	•
Floating power cell	•	•	•	•	•	•	•	•	•	•
Match & attach, ready to run!	•	•	•	•	•	•	•	•	•	•
ALS – vibrating type	•	•	•	•	•	•	•	•	•	•
ALS – hydraulic type	•	•	•	•	•	•	•	•	•	•
Upper bush jig	•	•	•	•	•	•	•	•	•	•