



HYDRAULIC HAMMER RANGE



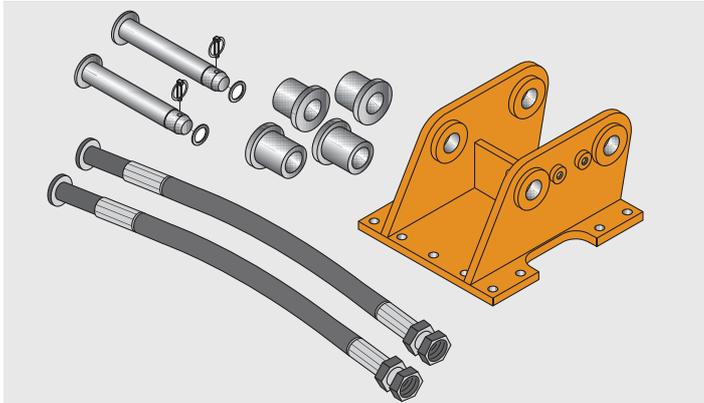
CASE offers a complete range of hydraulic rockbreakers for mini-excavators, skid-steer loaders, backhoe loaders and large excavators from 0,8 to 80 tons. This offers the customer the possibility to choose the best tool/ carrier combination according to his requirements and assures maximum profitability. This range is constantly reviewed and updated to fit also to the latest CASE machines.

CASE has selected a world leading rockbreaker manufacturer as a partner in order to ensure state of the art technology and optimum product support. The products are specifically designed for the CASE requirements and exceed the specifications set up by CASE engineering.

We expect our products to provide the best performance and to protect the hydraulic system of the CASE machine:

- CASE Breakers operate at a frequency often more than double the blows per minute than most competitors models, providing CASE Breakers with higher productivity, especially in severe applications.
- CASE Breakers provide greater oil flow range than many competitors breakers, allowing for simple installations and high productivity, without risk of heat problems.

OUR MISSION: PRODUCT SUPPORT



The CASE mission is to provide our dealers and customers with a comprehensive solution for their specific requirements. Therefore CASE provides full product support and a 12 month warranty also for the rockbreakers.

Case Breaker mounting accessories, brackets and hose kits are CASE engineered and designed for maximum production in all applications. This includes pin and bushing kits, hose kits and mounting brackets for ALL CASE machines.

SMALL HAMMER INSTALLATION EQUIPMENT

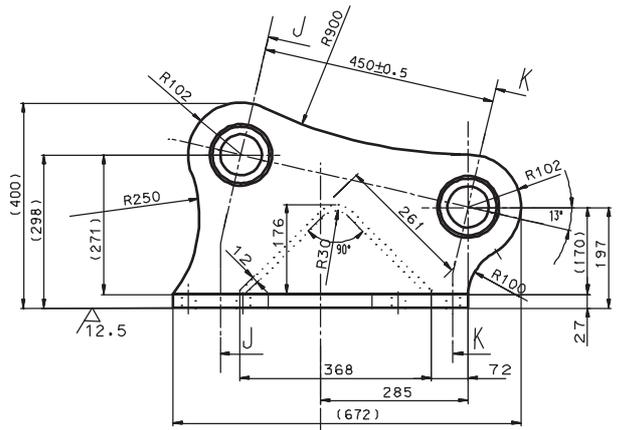
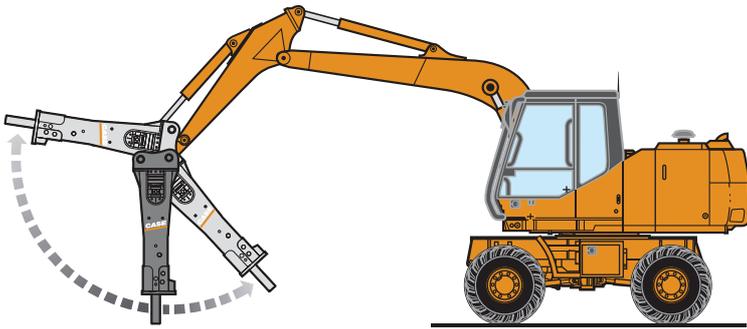


CASE installation accessory options have been designed to allow multi-carrier breaker applications, supported by CASE Operator and Parts Manuals. The breaker can be fitted without modification to all CASE machines. This is an attractive feature for the Rental Industry.

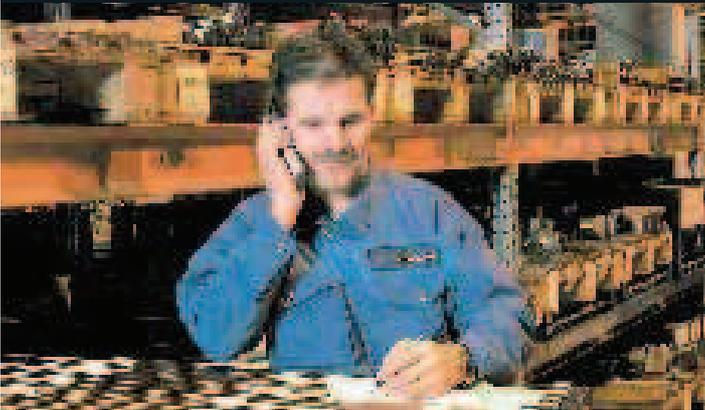
LARGE HAMMER INSTALLATION EQUIPMENT



CASE Breaker mounting brackets are CASE designed to specifications that allow full range of operation and provide optimum performance in all applications.



SPARE PARTS



All spare parts for CASE hammers can be ordered from the CASE dealer and are always stocked at the CASE central parts warehouse in Le Plessis Belleville, France.

DEALER SUPPORT

CASE
CONSTRUCTION



Case Breakers are supported throughout CASE Europe Territories, providing spare parts, manuals and technical support to minimize downtime and maintain production schedules.

CASE Breaker installations are supported by the CASE After-Sales Support Group throughout CASE Europe Territories, and integrates the Dealer and customer Attachment Product Training into the CASE system.

HYDRAULIC HAMMERS

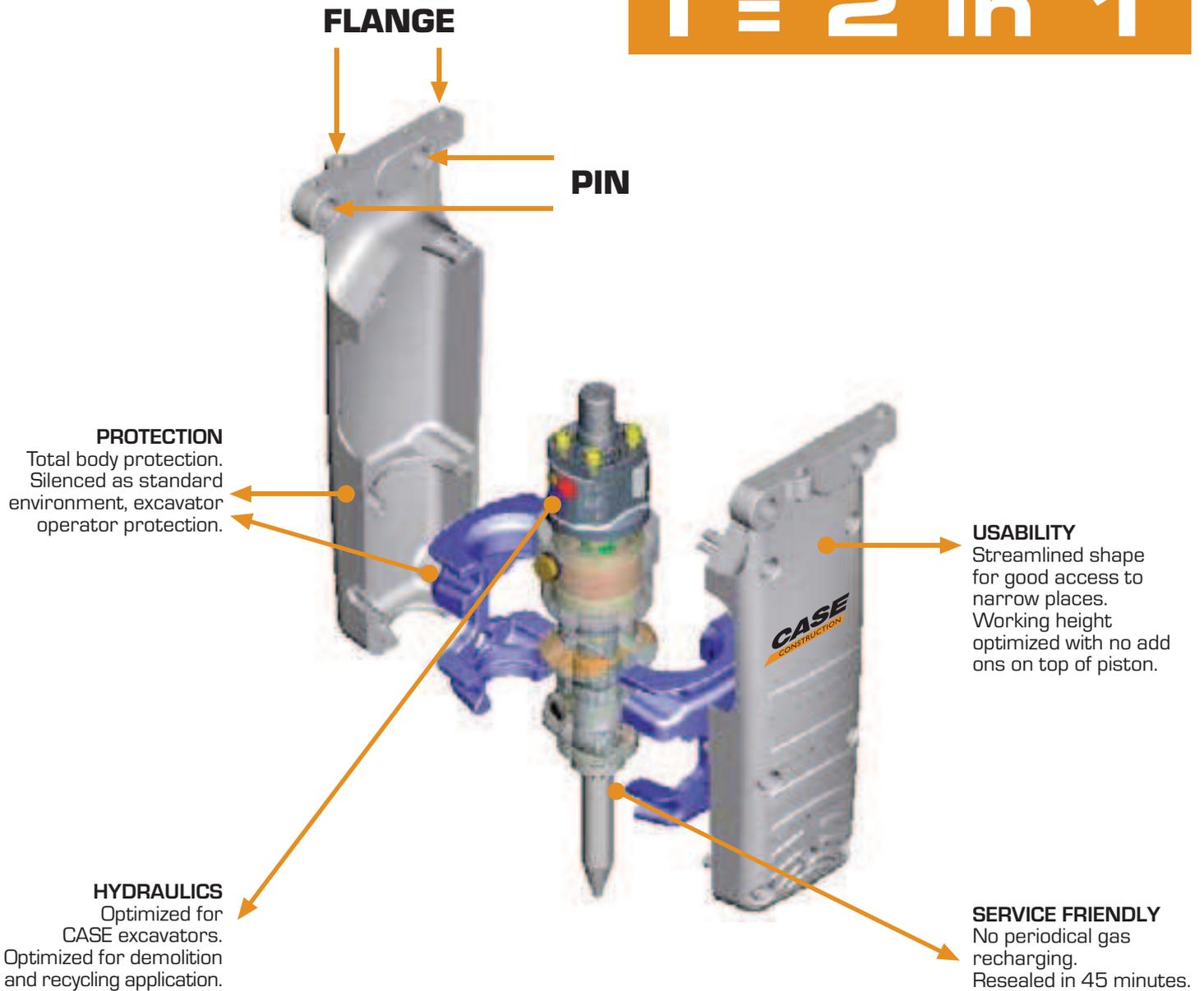
CB18 - CB37S

MAIN PARTS AND FEATURES

CB18S, CB27S and CB37S:
vertically drilled holes to fit adapter plate
on top of the hammer = Flange

CB18SI, CB27SI and CB37SI:
both vertically drilled holes to fit adapter plate
on top of the hammer and horizontally drilled
holes to fit with bucket pins = Flange AND Pin

1 = 2 in 1



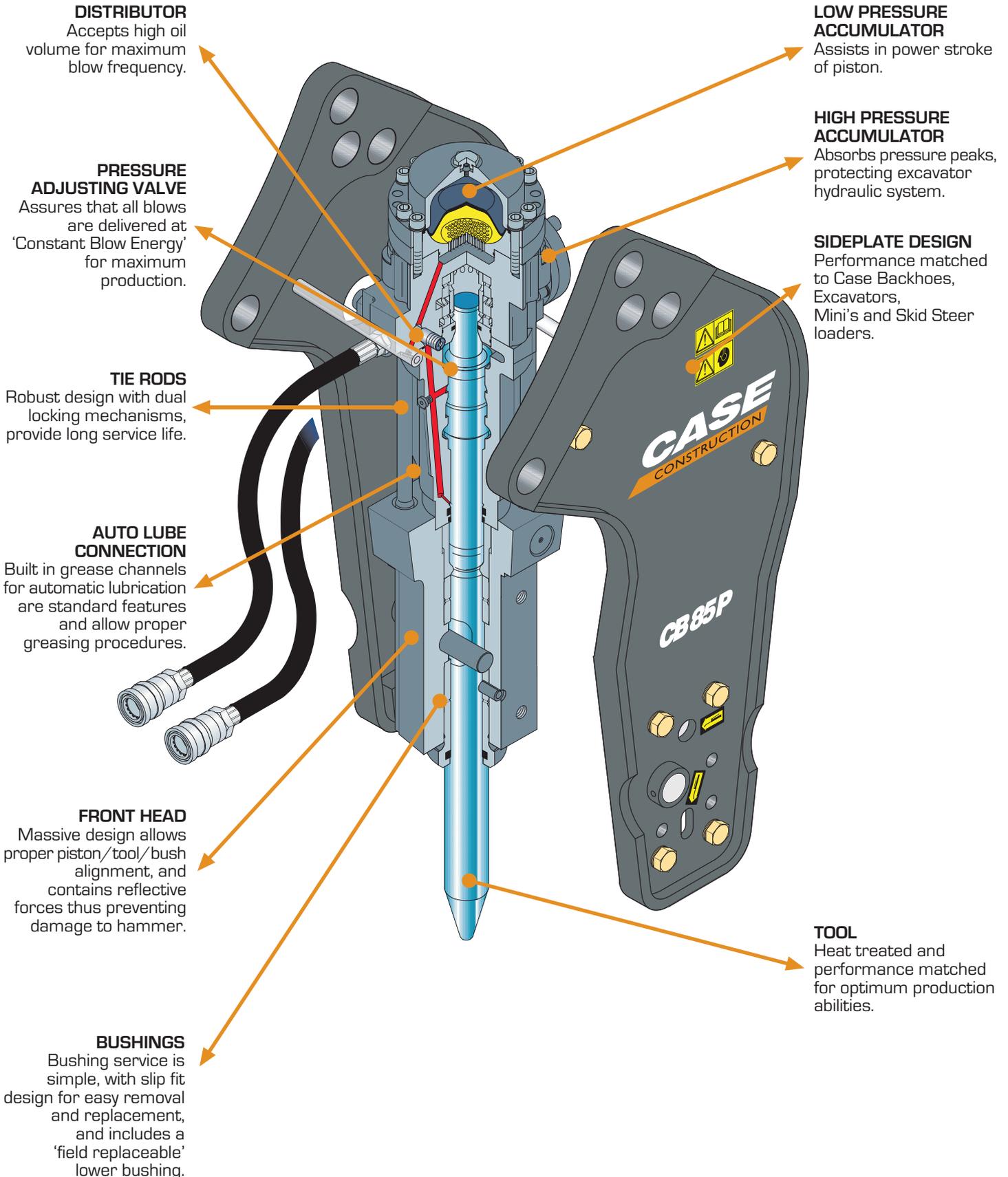
HAMMERS

HYDRAULIC HAMMERS

CB32 - CB150

MAIN PARTS AND FEATURES: STANDARD VERSIONS

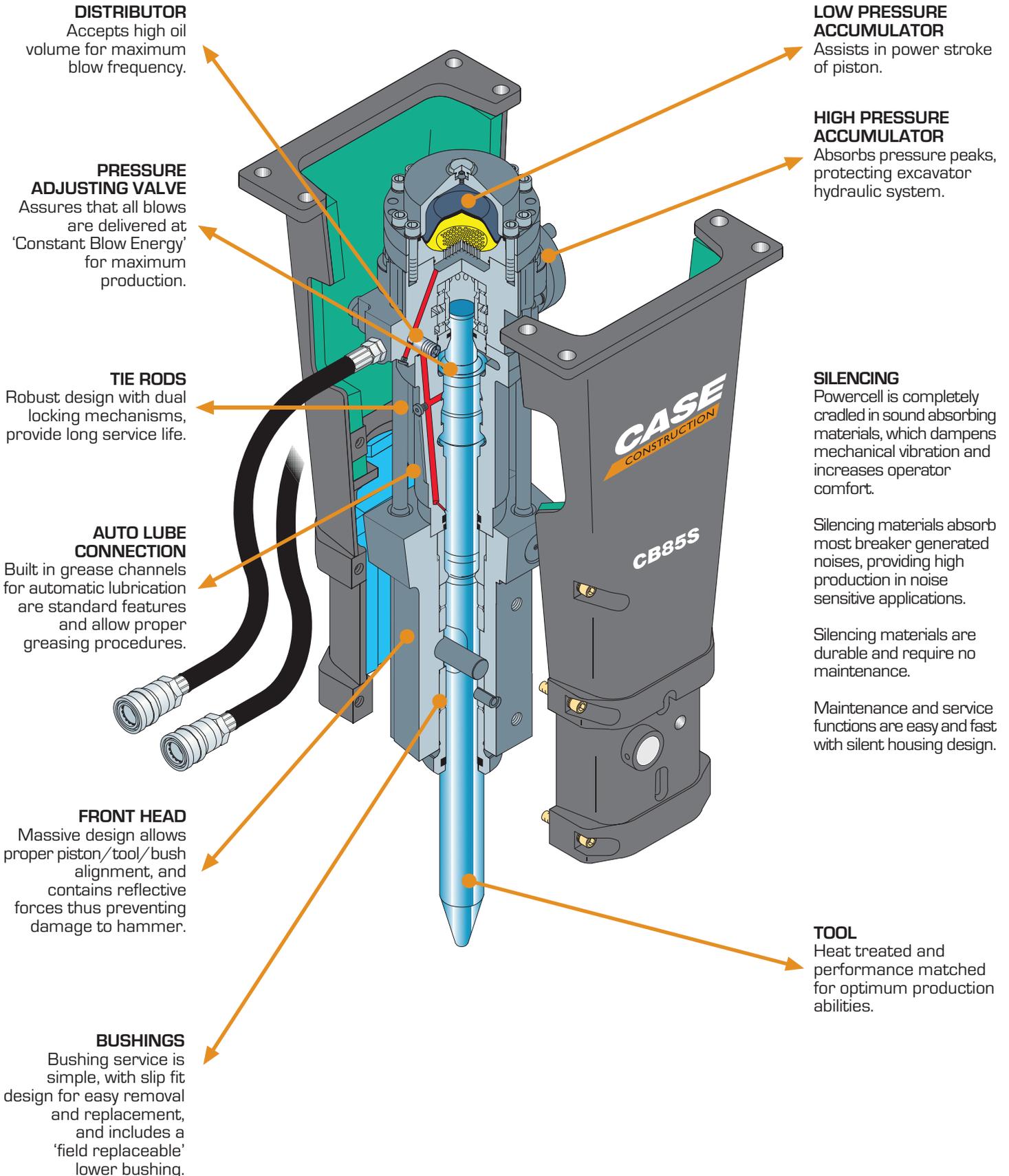
Illustrated is the pin-on version, available also as flat-top version



HYDRAULIC HAMMERS

CB32 - CB150

MAIN PARTS AND FEATURES: SILENCED VERSIONS



HYDRAULIC HAMMER

CB90S

MAIN PARTS AND FEATURES



The optimized rotation angles allow a wide range of work positions.



Flexible hose connections increase the service life of the hoses.



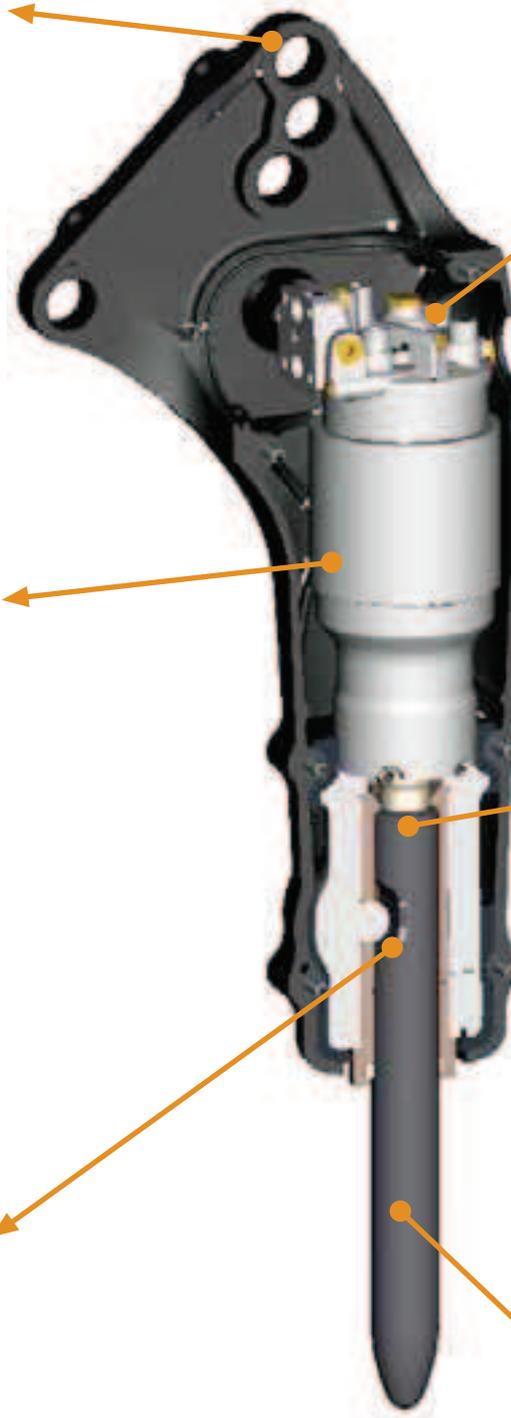
Single body construction with fewer parts provide a robust structure and minimized maintenance cost.



Noise and vibration protection increases operators comfort and reduces maintenance cost for breaker and carrier.



A simple and reliable tool retaining pin locking system allows easy and fast tool replacement.



Increased tool size improves hammer productivity and service life of the tool.

HYDRAULIC HAMMERS

CB200S - CB700S

MAIN PARTS AND FEATURES

ACCUMULATOR

Low maintenance, sealed design membrane assists piston in power stroke, and dampens hydraulic pulsation.

HYDRAULIC VALVES

All valves operate perpendicular to piston operation, and are not subject to interruptions from hammer operation.

The Pressure control valve maintains Fixed Blow Energy, providing all blows at full power.

The Check valve protects the excavator system from damaging pressure peaks.

The Main valve controls hammer operation.

TIE RODS

Robust design with heat torque tightening provides long service life.

ROCK CLAWS

Allows operator to position boulders and work material, for maximum production, and is made of abrasion resistant steel for long service life.

BUSHINGS

Bushings service is simple, with slip fit design for easy removal and replacement, and includes a 'field replaceable' lower tool bushing. Bushings service is simple, with slip fit design for easy removal and replacement, and includes a 'field replaceable' lower tool bushing.

AIR CONNECTION

Air compressor hook up, standard equipment, allows for underwater applications and pressurizing of housing for extremely dusty conditions.

AUTO LUBE CONNECTION

Built in grease channels for automatic lubrication are standard features and allow proper greasing procedures.

SHOCK ABSORBERS

Absorbs mechanical forces and recoil energies, protecting excavator and hammer.

HOUSING

Fully encloses power cell for maximum component protection from work materials, and includes a replaceable lower boot section for low operating costs and optimum up-time.

SILENCING

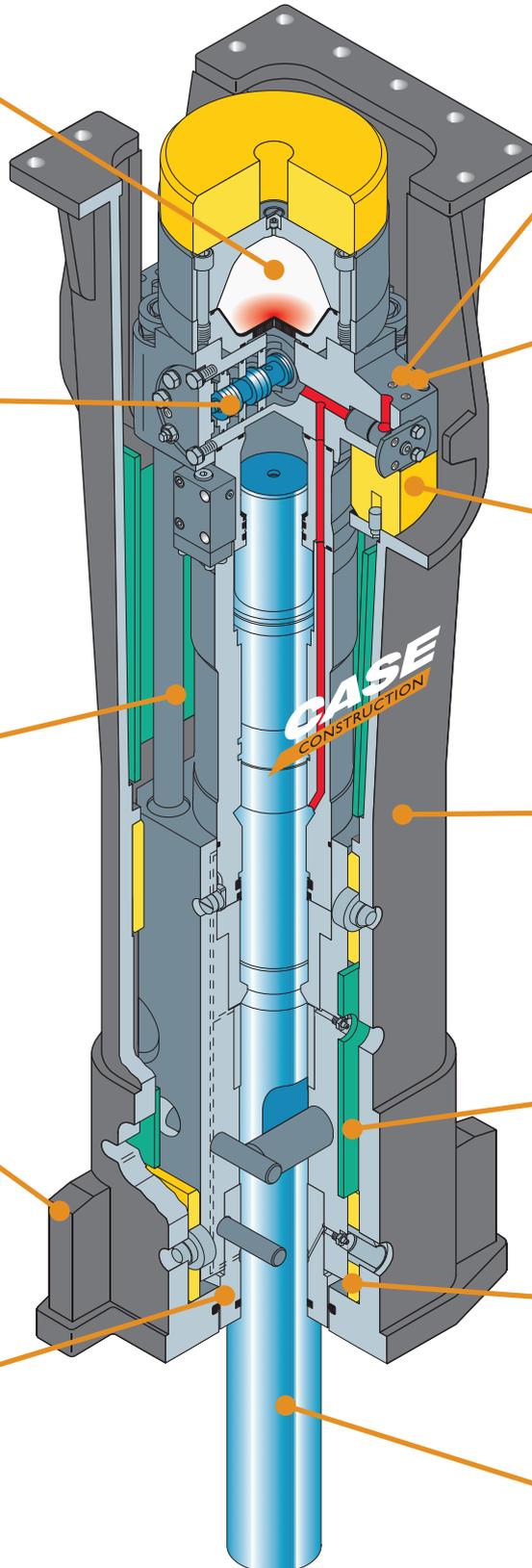
Sound absorbing elements inside housing lowers noise output, for sound sensitive applications.

WEAR PLATES

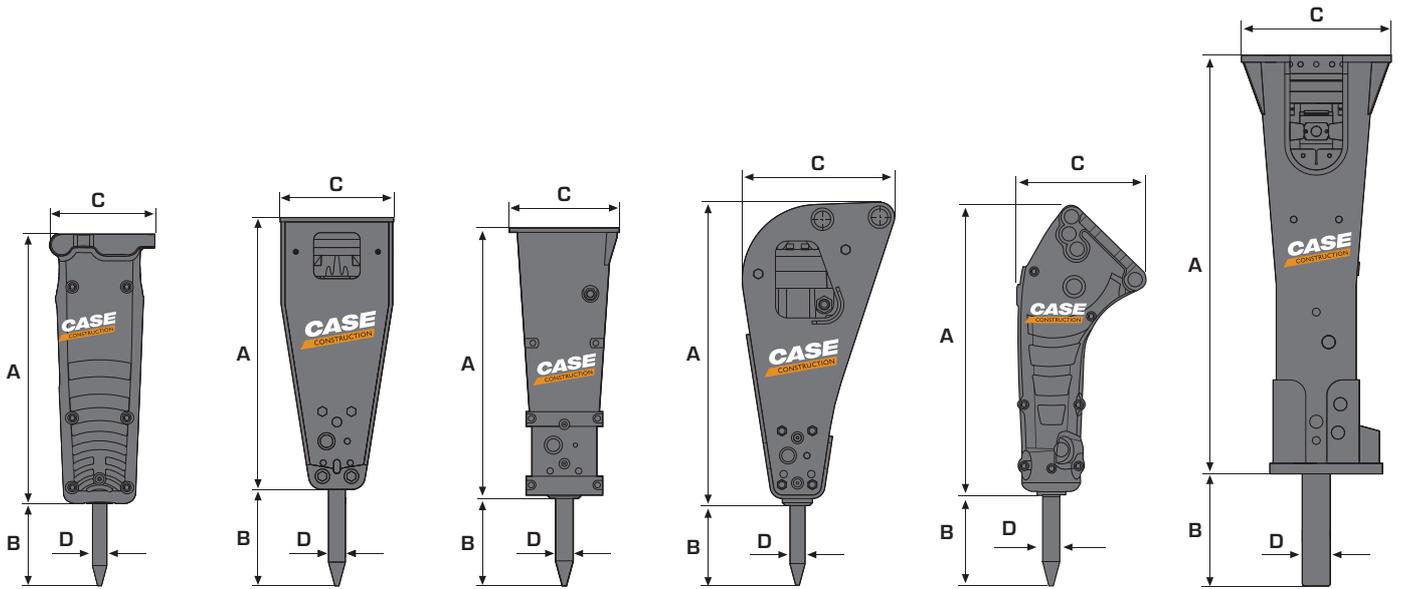
Plastic material provides guidance for powercell movement, and lowers noise output. Removal and replacement is simple and fast.

TOOLS

Heat treated and performance matched for optimum production results.



HAMMERS DIMENSIONS



1/ Flange or pin mount silenced

2/ Flange mount standard

3/ Flange mount silenced

4/ Pin mount standard

5/ Flange or pin mount silenced

6/ Flange mount silenced

MODEL	DESIGN		A	B	C	D
CB18S	1) Flange or pin mount silenced	mm	677	207	262	36
CB27S	1) Flange or pin mount silenced	mm	767	227	265	42
CB37S	1) Flange or pin mount silenced	mm	869	260	360,5	50
CB32	2) Flange mount standard	mm	775	262	340	45
CB32S	3) Flange mount silenced	mm	775	249	440	45
CB32P	4) Pin mount standard	mm	891	259	420	45
CB45	2) Flange mount standard	mm	925	261	340	50
CB45S	3) Flange mount silenced	mm	918	262	440	50
CB45P	4) Pin mount standard	mm	1015	262	506	50
CB65	2) Flange mount standard	mm	985	364	470	63
CB65S	3) Flange mount silenced	mm	1025	364	440	63
CB65P	4) Pin mount standard mini excavator	mm	1128	391	484	63
CB65B	4) Pin mount standard backhoe	mm	1091	396	676	63
CB85	2) Flange mount standard	mm	1134	396	470	70
CB85S	3) Flange mount silenced	mm	1150	390	520	70
CB85P	4) Pin mount standard backhoe	mm	1387	396	662	70
CB90S	5) Flange or pin mount silenced	mm	1292	400	1692	80
CB120	2) Flange mount standard	mm	1286	417	510	84
CB120S	3) Flange mount silenced	mm	1295	417	520	84
CB150	2) Flange mount standard	mm	1380	460	510	95
CB150S	3) Flange mount silenced	mm	1390	463	520	95
CB200S	6) Flange mount silenced	mm	1605	410	570	115
CB260S	6) Flange mount silenced	mm	1763	377	570	125
CB320S	6) Flange mount silenced	mm	1863	419	570	130
CB400S	6) Flange mount silenced	mm	2157	464	585	140
CB550S	6) Flange mount silenced	mm	2358	600	730	160
CB700S	6) Flange mount silenced	mm	2467	543	730	169

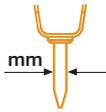
HAMMER SPECIFICATIONS



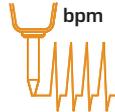
HAMMER WORKING WEIGHT (kg)
Includes average mounting bracket and standard tool



CARRIER WEIGHT (t)
Check carrier's lifting capacity



TOOL DIAMETER (mm)



IMPACT FREQUENCY (bpm)
Actual impact frequency depends on oil flow, oil viscosity, temperature and material to be broken



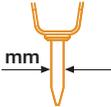
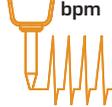
OIL FLOW RANGE (l/min)



OPERATING PRESSURE (bar)
Actual pressure depends on oil flow, oil viscosity, temperature, material to be broken and back pressure



GUARANTEED SOUND POWER LEVEL CE 2000/14/EC (dB)
Measured value +4 dB

							
CB18S	80	0.8 - 1.8	36	15 - 33	100 - 120	1300 - 2500	119
CB27S	120	1.3 - 2.7	42	20 - 48	120 - 140	1600 - 2600	123
CB37S	175	2.0 - 3.7	50	30 - 63	120 - 140	1800 - 2000	124
CB32	130	1.3 - 3.2	45	20 - 50	95 - 120	750 - 2400	129
CB32S	140	1.3 - 3.2	45	20 - 50	95 - 120	750 - 2400	123
CB32P	110	1.3 - 3.2	45	20 - 50	95 - 120	750 - 2400	127
CB45	200	2.4 - 4.5	50	20 - 70	80 - 110	450 - 1800	128
CB45S	220	2.4 - 4.5	50	20 - 70	80 - 110	450 - 1800	118
CB45P	185	2.4 - 4.5	50	20 - 70	80 - 110	450 - 1800	125
CB65	300	3.0 - 6.5	63	25 - 100	100 - 145	400 - 2000	132
CB65S	315	3.0 - 6.5	63	25 - 100	100 - 145	400 - 2000	121
CB65P	240	3.0 - 6.5	63	25 - 100	100 - 145	400 - 2000	129
CB65B	310	3.0 - 6.5	63	25 - 100	100 - 145	400 - 2000	129
CB85	425	5.0 - 8.5	70	50 - 150	100 - 130	600 - 1800	134
CB85S	430	5.0 - 8.5	70	50 - 150	100 - 130	600 - 1800	127
CB85P	455	5.0 - 8.5	70	50 - 150	100 - 130	600 - 1800	132
CB90S	360	4.6 - 9.0	80	40 - 120	80 - 140	500 - 1700	127
CB120	590	7 - 12	84	60 - 150	80 - 130	500 - 1300	135
CB120S	600	7 - 12	84	60 - 150	80 - 130	500 - 1300	127
CB150	830	9 - 15	95	60 - 120	125 - 150	500 - 1000	136
CB150S	820	9 - 15	95	60 - 120	125 - 150	500 - 1000	126
CB200S	1040	12 - 20	115	80 - 130	135 - 145	450 - 800	124
CB260S	1330	18 - 26	125	100 - 170	135 - 145	360 - 650	127
CB320S	1710	21 - 32	130	120 - 200	135 - 145	330 - 580	129
CB400S	2350	27 - 40	140	160 - 230	140 - 150	300 - 450	129
CB550S	3150	35 - 55	160	210 - 310	140 - 150	300 - 480	128
CB700S	3800	40 - 70	169	220 - 350	155 - 165	350 - 550	132



HAMMER APPLICATIONS CHART



	MINI EXCAVATORS	COMPACT LOADERS	BACKHOE LOADERS	CX Range	EXCAVATORS 90 Series	WX Range	88 Series
CB18	CX16B CX18B						
CB27	CX20B CX22B CX27B						
CB37	CX31B CX36B						
CB32	CX16B CX18B CX20B CX22B CX27B CX31B	1825B					
CB45	CX31B CX36B CX40B CX50B	40-60-70 75XT-410 420-430 435-440					
CB65	CX40B CX50B	75-85-90 95XT-410-420 430-440-435 445	580-590 695				
CB85		85-90-95XT 445	580-590-695	CX75SR* CX80*	9007		
CB90							
CB120				CX75SR CX80-CX130 CX135SR		WX90-WX95 WX120 WX125	
CB150				CX130 CX135SR CX160/B CX180/B	9013	WX120 WX125 WX145 WX150-WX165	588 688 788
CB200				CX160/B CX180/B CX210/B CX225SR CX230 CX240NLC	9021 (dip. 3m)	WX150 WX170 WX185	688 788 888 988
CB260				CX210/B CX225SR CX230 CX240/B CX290/B	9021 (dip. 1.9/2.4m)	WX170 WX200 WX210 WX240	888 988 1088 1288
CB320				CX240/B* CX290/B* CX330 CX350	9033 (dip. 3.6m)	WX200	1088 1188 1288
CB400				CX330-CX350 CX460	9033 (dip. 2.2/2.6m) 9046 (dip. 4m)		1488
CB550				CX460	9046 (dip. 2.5/3.4m)		
CB700				CX700-CX800			

* short arm only

For other applications please consult your CASE dealer.

HAMMER APPLICATIONS



	CONCRETE REMOVAL	ASPHALT REMOVAL	SCALING	FROZEN OR HARD GROUND	COMPAC- TION	POST SHEET DRIVING	BOULDER BREAKING	BED ROCK TRENCHING	PRIMARY EXCAVATING
CB18	X	X	X	X	-	X	-	-	-
CB27	X	X	X	X	-	X	-	-	-
CB37	X	X	X	X	X	X	-	-	-
CB32	X	X	X	X	X	X	-	-	-
CB45	X	X	X	X	X	X	-	-	-
CB65	X	X	X	X	X	X	-	-	-
CB85	X	X	X	X	X	X	-	-	-
CB90	X	X	X	X	X	X	-	-	-
CB120	X	X	X	X	X	X	-	-	-
CB150	X	X	X	X	-	X	X*	X*	-
CB200	X	X	-	X	-	X	X	X*	X*
CB260	X	X	-	X	-	X	X	X*	X*
CB320	X	-	-	X	-	X	X	X	X*
CB400	X	-	-	X	-	-	X	X	X
CB550	X	-	-	-	-	-	X	X	X
CB700	X	-	-	-	-	-	X	X	X

X **CORRECT APPLICATION**
Maximum productivity with optimum component life for both breaker and carrier.

X* **LIMITED APPLICATION**
In soft material only (e.g. gypsum, talc, shale, decomposed limestone etc.)

■ **NOT SUITABLE APPLICATION**

HAMMER TOOLS CB18 - CB45



CHISEL



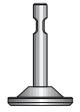
MOIL POINT



ASPHALT CUTTER PARALLEL



ASPHALT CUTTER TRANSVERSE



COMPACTING PLATE

		CB18	87607239	87607240	73317057	73317058	
Total length	mm		360	360	380	380	
Working length	mm		207	207			
Weight	kg		2,7	2,6	3,5	3,5	
Tool width	mm				100	100	
Plate diameter	mm						
		CB27	87607241	87607242	73317059	73317060	
Total length	mm		405	405	420	420	
Working length	mm		227	227			
Weight	kg		4,1	3,9	4,5	4,5	
Tool width	mm				100	100	
Plate diameter	mm						
		CB37	73317061	73317062	73317063	73317064	73317065
Total length	mm		490	490	490	490	
Working length	mm		260	260			
Weight	kg		7	6,8	7	7	12
Tool width	mm				115	115	
Plate diameter	mm						180
		CB32	87779445	87779447	87779448	87779449	87779450
Total length	mm		480	480	450	450	400
Working length	mm		270	270			
Weight	kg		5,4	5,4	5	5	21
Tool width	mm				100	100	
Plate diameter	mm						250
		CB45	87779452	87779454	87779455	87779456	87779457
Total length	mm		530	530	490	490	460
Working length	mm		260	260			
Weight	kg		7,6	7	7	7	23
Tool width	mm				115	115	
Plate diameter	mm						250

For other available tool options please consult your CASE dealer.



HAMMER TOOLS CB65 - CB150



CHISEL



MOIL POINT



ASPHALT CUTTER PARALLEL



ASPHALT CUTTER TRANSVERSE



COMPACTING PLATE

		CB65	87779459	87779461	87779462	87779444	87779474
Total length	mm		680	730	570	570	570
Working length	mm		365	355			
Weight	kg		15	20	13	13	30
Tool width	mm				150	150	
Plate diameter	mm						250
		CB85	85826328	85826330	85826331	85826332	85826333
Total length	mm		730	730	720	720	610
Working length	mm		355	355			
Weight	kg		20	20	19	19	54
Tool width	mm				150	150	
Plate diameter	mm						330
		CB90	85826328	85826330	85826331	85826332	85826333
Total length	mm		730	730	720	720	610
Working length	mm		355	355			
Weight	kg		20	20	19	19	54
Tool width	mm				150	150	
Plate diameter	mm						330
		CB120	87779477	87779479	87779480	87779481	87779482
Total length	mm		840	840	880	880	800
Working length	mm		420	420			
Weight	kg		34	34	34	34	74
Tool width	mm				200	200	
Plate diameter	mm						330
		CB150	87779484	87779486	87779488	87779489	87779490
Total length	mm		900	900	830	830	800
Working length	mm		460	460			
Weight	kg		46	43	39	39	95
Tool width	mm				200	200	
Plate diameter	mm						350

For other available tool options please consult your CASE dealer.

HAMMER TOOLS CB200S - CB700S



CHISEL



MOIL POINT



BLUNT



SOFT ROCK CHISEL



HARD ROCK CHISEL



PYRAMID

CB200S		82848346	82848347	82848348	82848349	N/A	82848350
Total length	mm	1000	1000	800	1000		1000
Working length	mm	560	560	360	560		560
Weight	kg	68	68	58	68		68

CB260S		82848351	82848352	82848354	82848356	82848357	82848358
Total length	mm	1050	1050	850	1050	1050	1050
Working length	mm	575	575	375	575	575	575
Weight	kg	85	84	74	84	83	84

CB320S		87779507	87779511	87779513	87779509	87779508	87779512
Total length	mm	1100	1100	900	1050	1100	1100
Working length	mm	620	620	420	570	620	620
Weight	kg	104	103	90	91	104	104

CB400S		87779517	87779520	87779522	87779519	87779518	87779521
Total length	mm	1200	1200	1050	1100	1200	1200
Working length	mm	615	615	465	515	615	615
Weight	kg	137	127	123	140	132	132

CB550S		87779524	87779527	87779529	87779526	87779525	87779528
Total length	mm	1405	1405	1255	1255	1405	1405
Working length	mm	750	750	600	600	750	750
Weight	kg	206	206	196	197	206	197

CB700S		82849075	8249076	82849077			
Total length	mm	1450	1450	1300	1450	1450	1450
Working length	mm	700	700	550	700	700	700
Weight	kg	241	236	232	250	257	226

CUTTER CRUSHERS AND PULVERIZERS

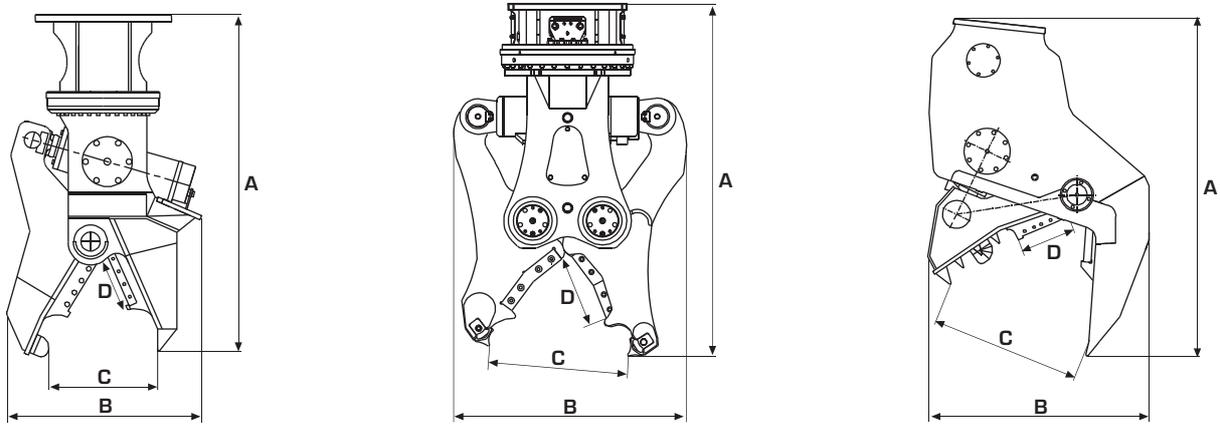
Cutter crushers have been designed for demanding demolition applications.

Main applications for cutter crushers:

- Crushing concrete structures like walls, sewage systems and bridge decks and columns.
- Cutting reinforcement bars and other metallic structures.

Pulverizer is the right tool to break concrete blocks into smaller pieces and separate reinforcement bars after demolition.

MAIN TECHNICAL PARAMETERS



	WEIGHT (kg)	FLOW (l/min)	MAX OPERATING PRESSURE (bar)	LENGTH A (mm)	HEIGHT B (mm)	MAX JAW OPENING C (mm)	CUTTING BLADE LENGTH D (mm)
C60	205	40	250	1040	606	312	100
C90B/R	355	60	250	1250	700	400	200
C400	2300	180	320	2320	1344	720	400
CP180	1600	230	320	1832	1184	570	130
CP250	2350	230	320	1966	1391	702	130
CP250ST	2270	230	320	2199	1391	859	400
CP350	3300	280	320	2326	1511	915	220
CP350ST	3300	280	320	2470	1511	1025	500
P280	1950	180	320	2150	1400	870	280
P420	3340	250	320	2580	1735	1155	280

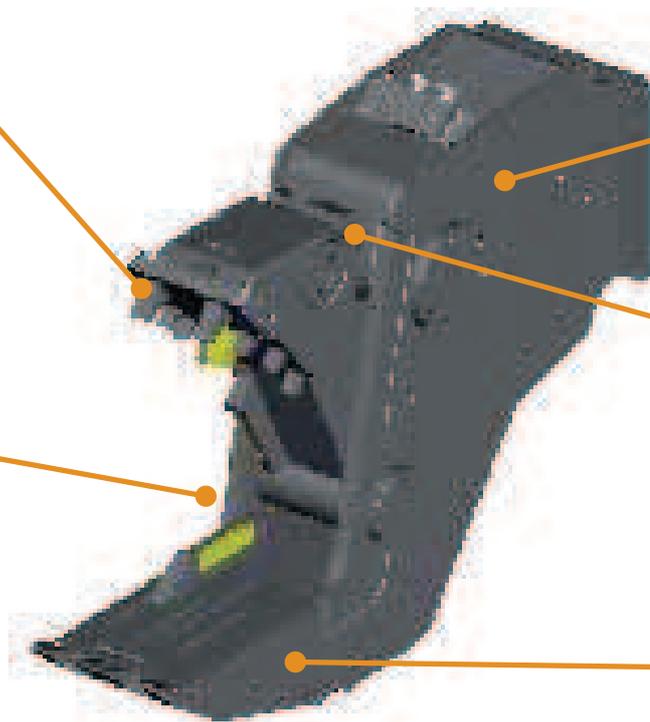
PULVERIZERS

SPECIAL TOOTH FOR MORE EFFECTIVE CRACKING

VERY ROBUST STRUCTURE
 ■ High durability
 ■ Less maintenance

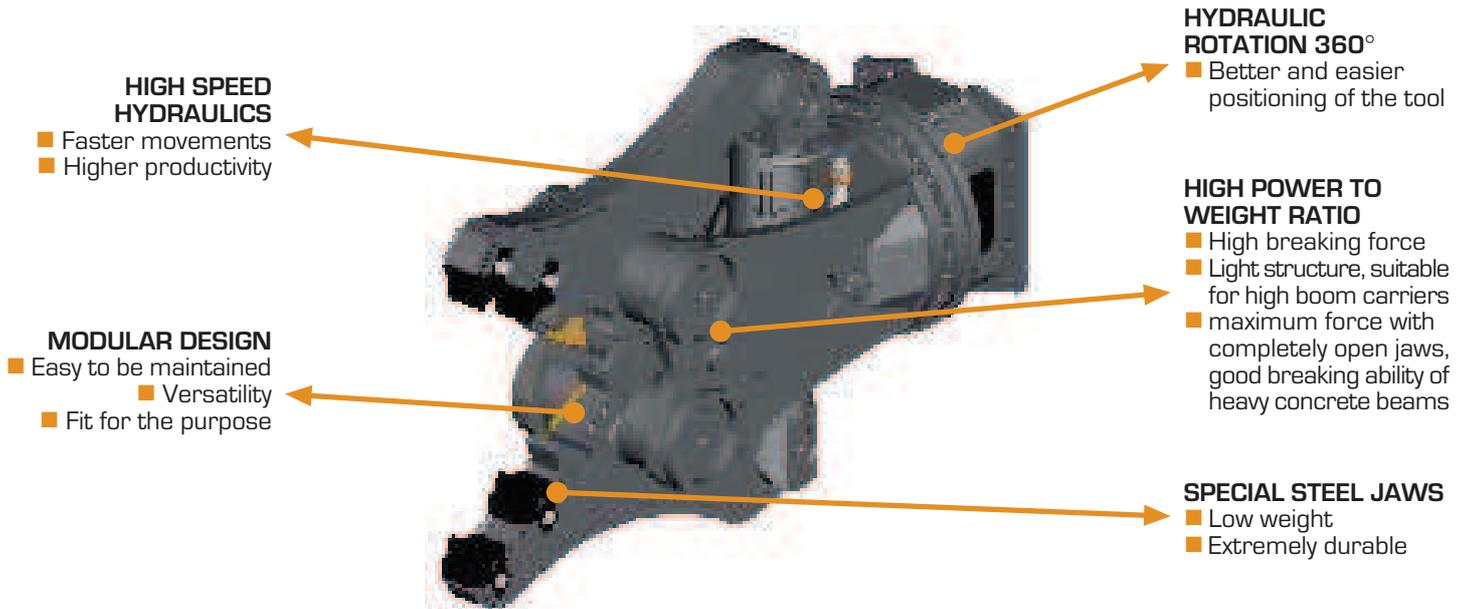
TURNABLE AND REPLACEABLE SYMMETRICAL CUTTER BLADES
 ■ Low operating cost
 ■ Easy maintainability

EFFECTIVE HYDRAULICS
 ■ High force and performance
 ■ Well protected cylinder and piston rod



SOLID JAW
 ■ Finer end result and cleaner rebars
 ■ Easier to position the tool
 ■ High reliability

CUTTER CRUSHERS CP-RANGE



HIGH SPEED HYDRAULICS

- Faster movements
- Higher productivity

HYDRAULIC ROTATION 360°

- Better and easier positioning of the tool

HIGH POWER TO WEIGHT RATIO

- High breaking force
- Light structure, suitable for high boom carriers
- maximum force with completely open jaws, good breaking ability of heavy concrete beams

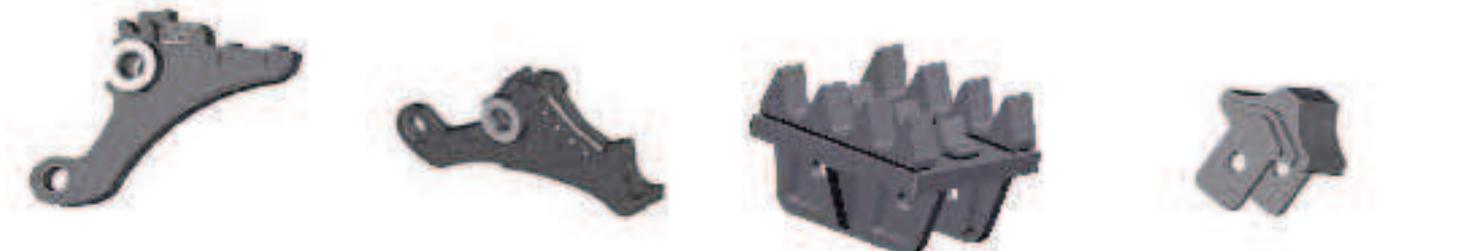
MODULAR DESIGN

- Easy to be maintained
- Versatility
- Fit for the purpose

SPECIAL STEEL JAWS

- Low weight
- Extremely durable

WEAR PART OPTIONS



DEMOLITION JAW

- Basic demolition
- Replaceable teeth & blades
- Very powerful and versatile tool

STEEL DEMOLITION JAW

- For structures containing plenty of metal

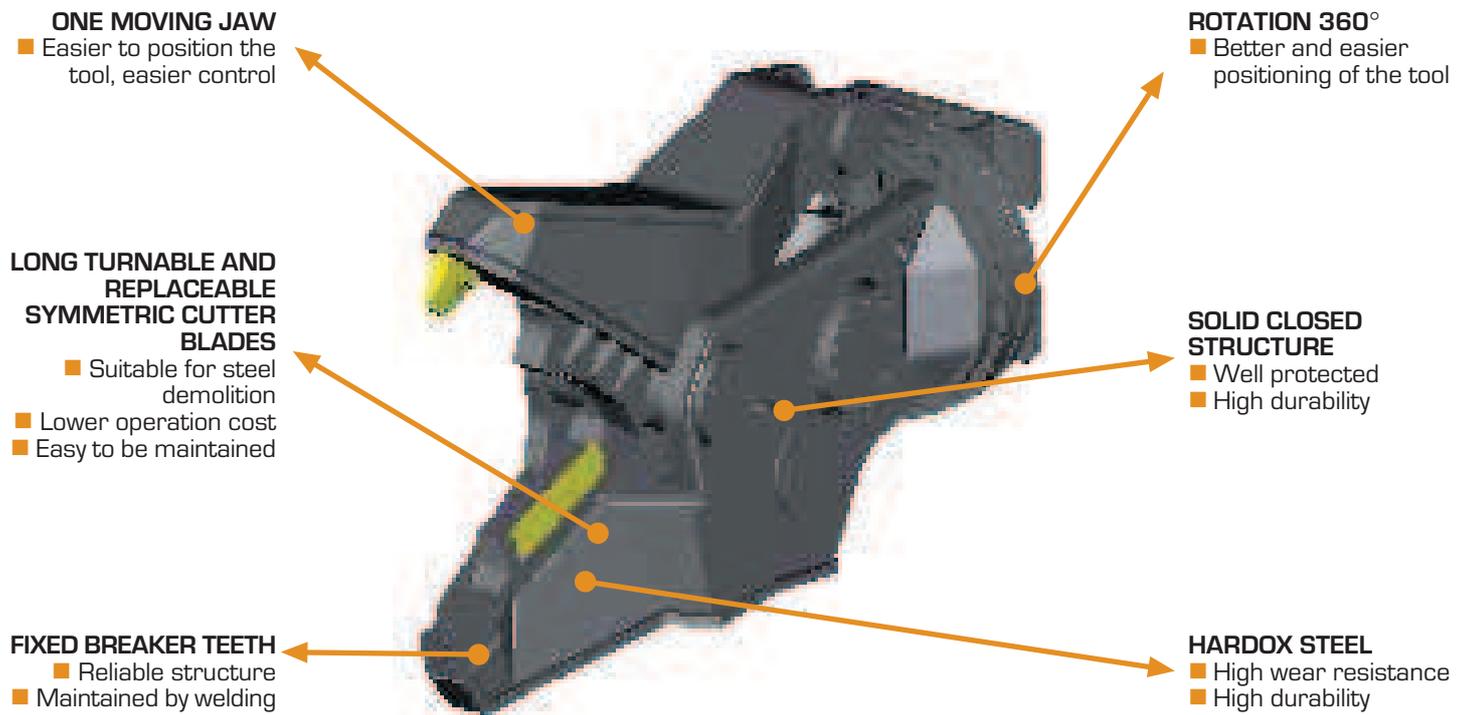
PULVERIZING PLATE

- Pulverizing applications

CRUSHING TOOTH

- Individually replaceable

CUTTER CRUSHERS C-RANGE



ONE MOVING JAW

- Easier to position the tool, easier control

ROTATION 360°

- Better and easier positioning of the tool

LONG TURNABLE AND REPLACEABLE SYMMETRIC CUTTER BLADES

- Suitable for steel demolition
- Lower operation cost
- Easy to be maintained

SOLID CLOSED STRUCTURE

- Well protected
- High durability

FIXED BREAKER TEETH

- Reliable structure
- Maintained by welding

HARDOX STEEL

- High wear resistance
- High durability

You can count on Case

You can count on Case and your Case dealer for full-service solutions-productive equipment, expert advice, flexible financing, genuine Case parts and fast service. We're here to provide you with the ultimate ownership experience.

Case pride

You can take pride in the Case name on your machine. It's backed by more than a century of productivity and performance. Case and your Case dealer are here for you, not only when you buy the machine, but also after you put 1,000 or 10,000 hours on it.



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The call is free from a land line. Check in advance with your Mobile Operator if you will be charged.



NOTE: Standard and optional fittings can vary according to the demands and specific regulations of each country. The illustrations may include optional rather than standard fittings - consult your Case dealer. Furthermore, CNH reserves the right to modify machine specifications without incurring any obligation relating to such changes.

Conforms to directive 98/37/CE



Test it at the CASE Customer Centre Paris!

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