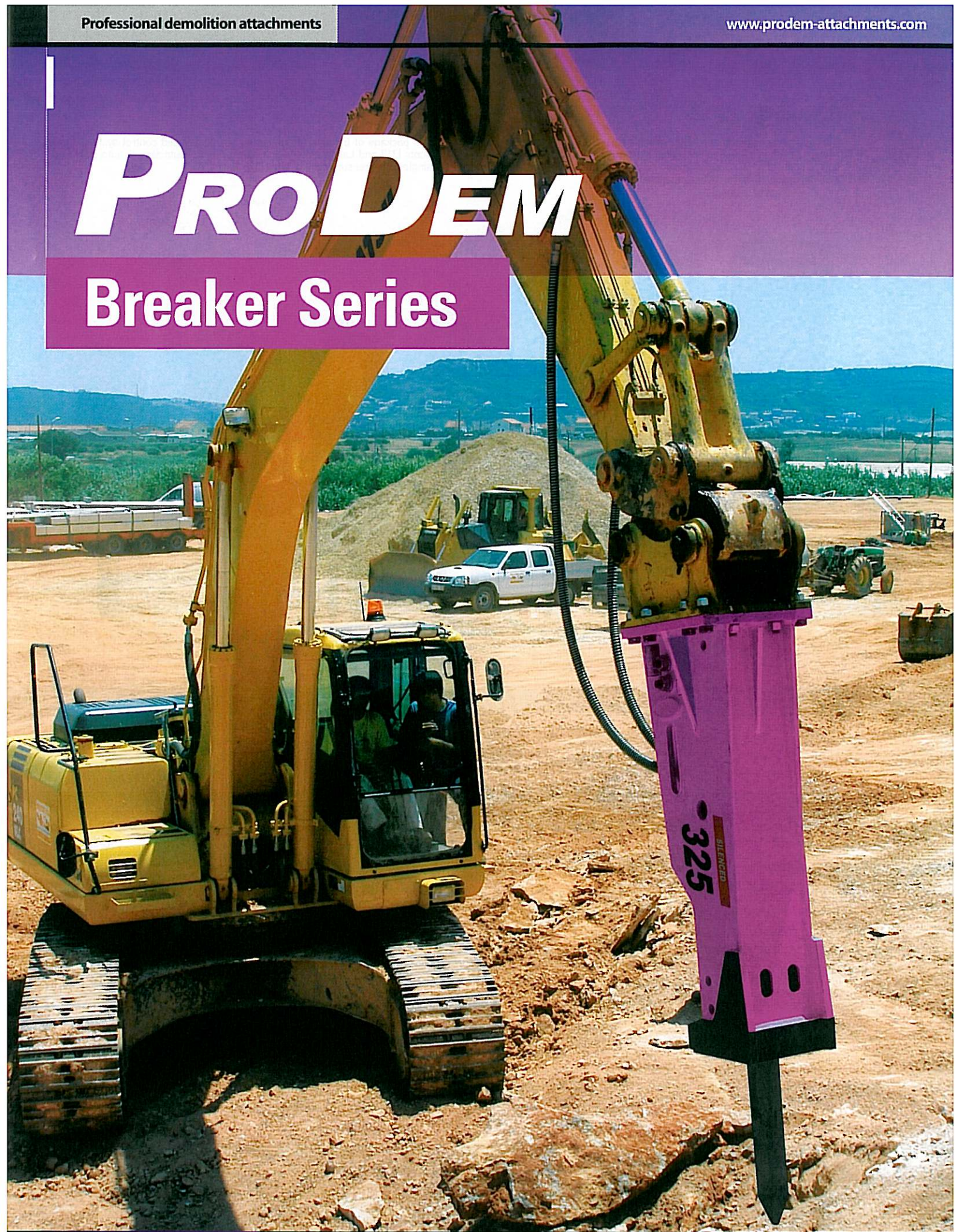


ProDEM

Breaker Series

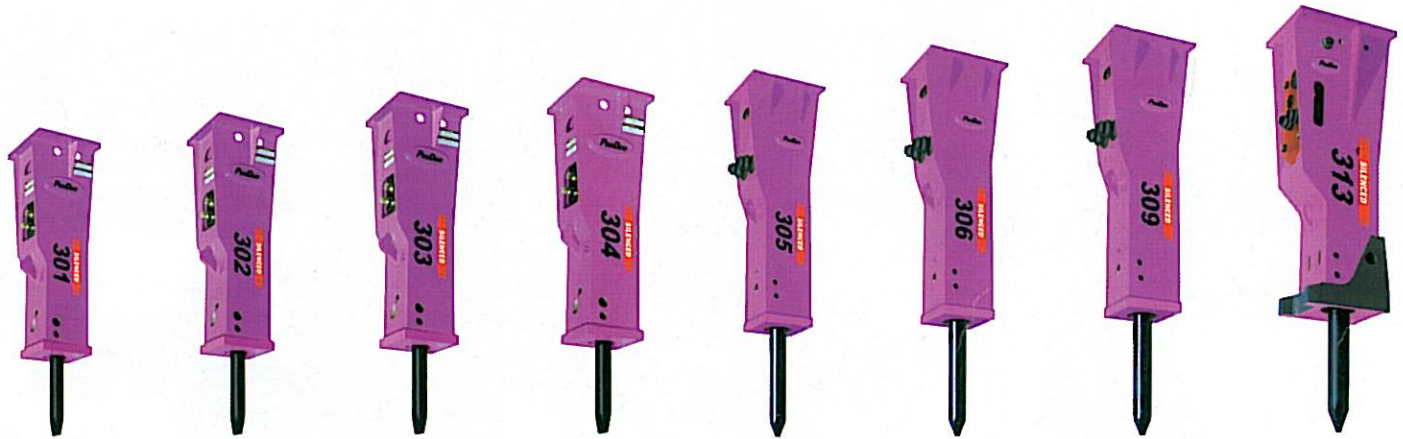




Silenced Series

Silenced series are silenced type breakers developed for environment and human health according to international trend of noise restriction. By wearing a hard boots of reinforced rock claw and bracket, silenced series provide much innovative durability with maximum power than ever.

The package of benefits of this series are dual speed control system, hard boots (313 and Larger), anti blank blow system, auto stop & auto start and single high-pressure accumulator (320 and Larger).



301-V

302-V

303-V

304

305-V

306

309

313-V

MODEL			301-V	302-V	303-V	304	305-V	306
Working weight ¹⁾		kg	123	123	149	209	294	424
Required oil flow		lpm	15 - 25	20 - 35	20 - 35	30 - 50	35 - 65	45 - 90
Operating pressure		bar	100 - 130	100 - 130	100 - 130	110 - 140	130 - 170	130 - 170
Blow frequency	Low speed mode	bpm						
	High speed mode	bpm	700 - 1,200	700 - 1,200	550 - 1,000	550 - 1,000	550 - 1,000	520 - 1,000
Impact energy ²⁾	Low speed mode	joule						
	High speed mode	joule	180	200	300	450	700	1,000
Tool shank diameter		mm	45	45	50	58	68	80
Applicable carrier weight		tonne	0.7 - 2.5	1.0 - 3.5	1.5 - 4.5	2.5 - 6.0	3.5 - 8.0	5 - 11

Notes

1) Total weight including standard tool, standard mounting adapter and spacers but excluding hydraulic hoses, fittings and mounting pins.

2) Measured in accordance with the certified test procedure which complies with the AEM (formerly CIMA) tool energy rating for hydraulic breakers.

* Materials and specifications are subject to change without prior notice.



Super Silenced Series

Premium series breakers are designed for use in environmentally noise sensitive area



- 305-V
- 309
- 313-V
- 325

320

325

330

340

350

325

309	313-V	320	325	330	340	350
537	974	1,564	1,662	2,492	3,100	4,200
45 - 90	80 - 140	100 - 150	130 - 180	170 - 240	180 - 260	230 - 330
140 - 180	140 - 180	160 - 180	165 - 180	165 - 185	165 - 185	165 - 185
	380 - 700	340 - 550	330 - 500	310 - 490	310 - 430	250 - 360
430 - 800	550 - 850	440 - 700	400 - 650	400 - 680	370 - 560	320 - 480
	2,500	3,500	4,300	6,100	7,600	10,400
1,400	2,150	2,800	3,200	4,200	6,000	7,900
85	105	125	135	150	165	180
7 - 15	12 - 20	16 - 25	20 - 30	26 - 35	32 - 45	40 - 70

Sealing package

- For suppressing noise strongly, this series equipped with sealing plug.

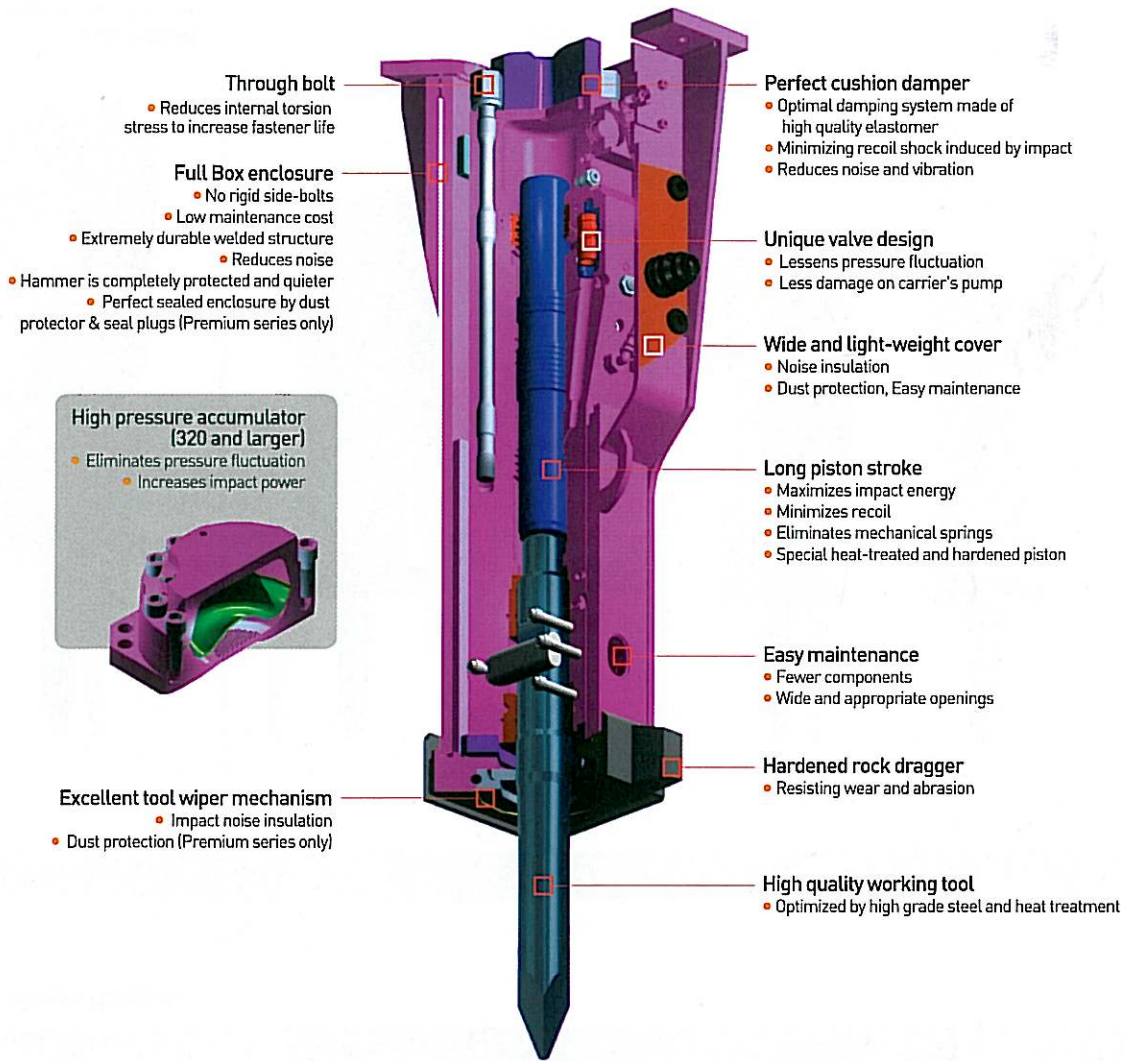
Movable dust protection sleeve

- It keeps dust and dirt out of the wear bushing parts, which is especially inevitable for tunnelling jobs.



F

eatures and benefits



▲ Integrated management of product data using product lifecycle management system

▲ Using finite element analysis tool : Nastran.

▲ Designing by Solid Edge

High impact energy by AEM Tool energy rating

- Better productivity by AEM certified tool energy rating
- Giving customers more reliable guide for selection

Fewer components

- Around one-third as its competitor, around 30 to 90 items depending on model
- Easy maintenance
- Dealers need fewer spare parts in inventory
- Easy to rebuild

Anti-blank blow (320 and bigger)

- Significantly reduces blank blow induced failures
- Less downtime means more productivity

Dual-speed Control (313 and larger)

- Control blow frequency adjusting to hardness of rock
- Low power with high speed (concrete breaking, soft rock, reducing boulders.)
- High power with low speed (quarry, trenching.)

Centralized lubricating system

- Enable to utilize centralized auto grease system

Option

- Auto greasing kit : Automatic dispense of lubricating paste