



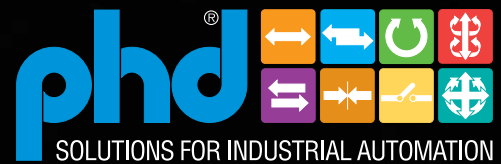
KRONES Replacement Equipment

September 2013

Stretch Rod Cylinders		PHD MODEL
50x390 Stretch Rod Cylinder ISO 2 Valve Installed (90° solenoid)		CAT-BCK01
50x390 Stretch Rod Cylinder ISO 2 Valve Installed (In-line solenoid)		CAT-BCK01
50x390 Stretch Rod Cylinder ISO 2 Valve Ready		CAT-BCK01
50x390 Stretch Rod Cylinder ISO 2 Valve Installed (with retract lock)		ML312299
50x390 ISO 3 Side Mounted Valve Ready		ML307979
50x390 ISO 3 Side Mounted Valve Installed		ML309181
50x390 Stretch Rod Cylinder Trunnion Top Mounted ISO 3 Valve Ready		ML308942
50x390 Stretch Rod Cylinder Trunnion Side Mounted ISO 3 Valve Ready		ML308410
50x390 Stretch Rod Cylinder MAC 93 Valve Installed		ML309265
Replacement for #0-950-26-044-2 Dual 25 mm Bore		ML308804
Nozzle Cylinders		PHD MODEL
High-Pressure Nozzle Bell Seal		ML310864
Eject Cylinder		PHD MODEL
25 mm Bore x 25 mm Stroke		ML310656
25 mm Bore x 8.5 mm Stroke		ML309880
Transfer Arms		PHD MODEL
Transfer Arm Head		ML311628
Rotary Actuators		PHD MODEL
For Controll Labeler		ML310972

See reverse side for SIDEL replacement equipment.

SRE02C



PHD is a member of the MAC Distributor Network

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SIDEL SERIES1

SBO2	PHD MODEL	PHD LITERATURE
Stretch Rod Cylinders	Series BCS1 Stretch Rod Cylinders	CAT-BCS05E
Nozzle Cylinders	ML305877 Heat Set	CAT-ML305877
	ML306930 Heat Set	
	ML305665 CSD (Cold Set)	
	ML307217 CSD (Cold Set)	
	ML308364 CSD (Cold Set)	
Rotary Transfer Arms	ML312140, ML311880	Consult PHD
Mold Base Cylinders	ML304151	CAT-CP304151C
	ML307576 (for oversized rod end)	

SBO4	PHD MODEL	PHD LITERATURE
Stretch Rod Cylinders	ML312148	Consult PHD
Nozzle Cylinders	ML305877 Heat Set	CAT-CP305877
	ML306930 Heat Set	
	ML305665 CSD (Cold Set)	
	ML307217 CSD (Cold Set)	
	ML308364 CSD (Cold Set)	
Eject Slides	ML308222, ML308876	CAT-PPCEJ10A
Transfer Arm - Fixed Head	BST1 Transfer Arm	CAT-BST03

SBO6	PHD MODEL	PHD LITERATURE
Stretch Rod Cylinders	BCS1 Stretch Rod Cylinders	CAT-BCS05E
Nozzle Cylinders	ML305877 Heat Set	CAT-CP305877
	ML306930 Heat Set	
	ML305665 CSD (Cold Set)	
	ML307217 CSD (Cold Set)	
	ML308364 CSD (Cold Set)	
Eject Slides	ML308222, ML308876	CAT-PPCEJ10A
Series1 Transfer Arm - Fixed Head	BST1 Transfer Arm	CAT-BST03

SBO10, SBO16, SBO24, SBO32 (DUAL CAVITY) SBO40	PHD MODEL	PHD LITERATURE
Stretch Rod Cylinders	BCS1 Stretch Rod Cylinders	CAT-BCS05E
Pneumatic Nozzle Conversion	ML310545	S1NOZ01A
Eject Slides	ML308222, ML308876, ML311797, ML310350, ML309535	CAT-PPCEJ10A
Series1 Transfer Arm - Fixed Head - Preferential Head	BST1 Transfer Arm	CAT-BST03
	ML309814	CAT-BST03

✓ Be aware that several models were also produced in a cam-driven version in relation to the stretching process, but opportunities are still there for transfer arms and ejectors.

SIDEL SERIES2 & SERIES2+

SBO MODELS	PHD MODEL	PHD LITERATURE
Stretch Rod Cylinders	BCS2 Stretch Rod Cylinders	CAT-BCS05E
Nozzle Cylinders	BCZ2 Nozzle Cylinders	CAT-BCZ04C
Preform/Eject Slides	ML304450, ML305278, ML308956, ML312136	CAT-PPCEJ10A
Series2 Transfer Arm - Fixed Head Standard and Adjustable - Head Only - Preferential Head	BST2xx-5	CAT-BST03
	BST2x25-1x90-xxxx	CAT-BST02-ADD-C
	ML311319 Preferential Head Only	Consult PHD

UNIVERSAL MACHINE

SBO MODELS	PHD MODEL	PHD LITERATURE
Stretch Rod Cylinders 50x400 Red (Heat Set) 50x400 Yellow (Heat Set W/O Balayage) 50x400 Blue (CSD) 50x290 Model SBO34 machines only 50x290 70° Flange	ML309326 W/Valve, ML307364 W/O Valve	CAT-UNIVERSAL03
	ML309397 W/Valve, ML307592 W/O Valve	
	ML308217 W/Valve, ML306987 W/O Valve	
	ML309360 W/Valve, ML309361 W/O Valve	
	ML310060 W/Valve, ML310061 W/O Valve	
Eject Slide	ML311924	Consult PHD