

Mobile Cylinder Division Replacement Refuse Cylinders

Catalog HY18-0020/US Rev D [A Items]

aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
pneumatics
process control
sealing & shielding



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Offer of Sale

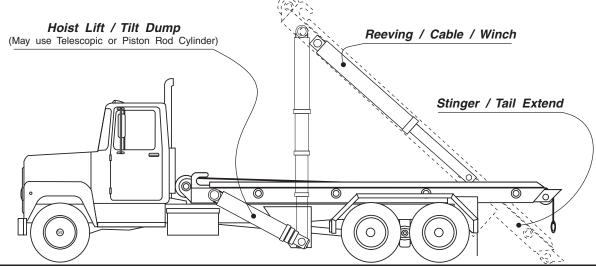
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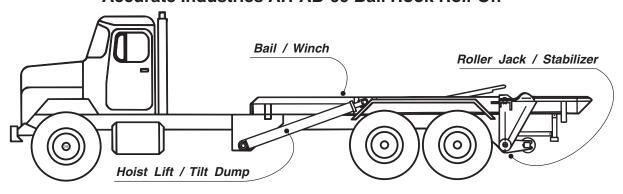
Accurate Industries IO, OR & IR Roll-Off

AH-60-IO, AH-60-OR, AH-IO-75-EX, AH-OR-75-EX



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Cylinder Function	Parker Eng#	Parker Number	<u>Bore</u>	Rod	<u>Stroke</u>
Reeving / Cable / Winch; 60,000#	D62LB-5-80	3771421180	6.25	4.75	80.00
OEM Ref P.N.'s; HH-1, HP-HH001					
Reeving / Cable / Winch; 75,000#	D72LB-9-80	3772521122	7.25	4.75	80.00
OEM Ref P.N.'s; MF-51, HH-2, HP-HH002					
Hoist Lift / Tilt Dump; 60,000#	D62LB-5-80	3771421180	6.25	4.75	80.00
OEM Ref P.N.'s; HH-1, HP-HH001	0022000	0771121100	0.20	1.70	00.00
	D=01 D 0 00	(
Hoist Lift / Tilt Dump;; 75,000# OEM Ref P.N.'s: MF-51. HH-2. HP-HH002	D72LB-9-80	3772521122	7.25	4.75	80.00
OLIVITIEIT.IV.5, IVII -51, 1111-2, 111 -1111002					
Hoist Lift / Tilt Dump; Telescopic	SD73DB-5-120	3772533049	Telescopic		120.00
OEM Ref P.N.'s; HP-HH004, HP-HH011, HP-HH012					
Stinger Tail Extend	N/A		3.50		80.00
OEM Ref P.N.'s; HP-HH003	•				

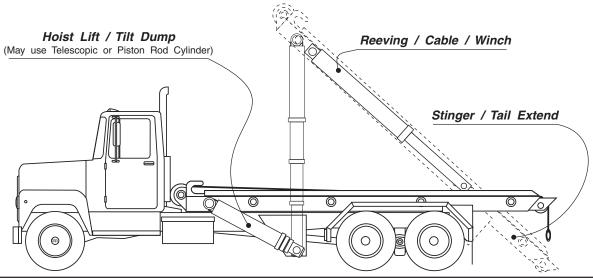
Accurate Industries AH-AB-60 Bail Hook Roll-Off



Cylinder Function Bail / Winch OEM Ref P.N.'s; A-17	Parker Eng# D72CC-48-85	Parker Number 3772521066	<u>Bore</u> 7.25	<u>Rod</u> 3.00	<u>Stroke</u> 85.00
Hoist Lift / Tilt Dump OEM Ref P.N.'s; A-18	D62CC-36-68	3770921069	6.25	3.00	68.50
Roller Jack / Stabilizer OEM Ref P.N.'s; A-19, HP-HH007	D52CB-31-6	3771521140	5.25	2.50	6.88



G & H Manufacturing 1500 & 1560 Roll-Off

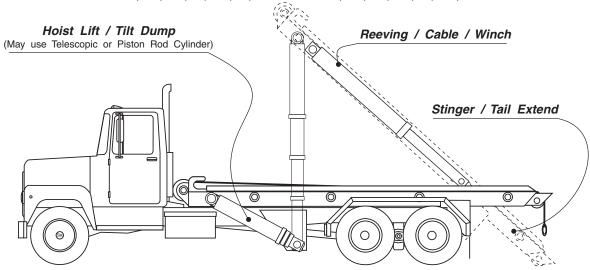


<u>Cylinder Function</u>	Parker Eng#	Parker Number	<u>Bore</u>	Rod	Stroke
Reeving / Cable / Winch; 1500 Mfg Pre 06/02 OEM Ref P.N.'s; H3291, P1331, PH-020-168 NPT Ports	D60DD-20-79	3771421260	6.00	4.00	79.00
Reeving / Cable / Winch; 1500 Mfg After 06/02 OEM Ref P.N.'s; FA1001 SAE Ports	D60DD-20-79	3771421260	6.00	4.00	79.00
Reeving / Cable / Winch; 1560 Mfg Pre 06/02 OEM Ref P.N.'s; H3292 NPT Ports	D70DD-9-79	3773721117	7.00	4.00	79.00
Reeving / Cable / Winch; 1560 Mfg After 06/02 OEM Ref P.N.'s; FA102 SAE Ports	D70DD-9-79	3773721117	7.00	4.00	79.00
Hoist Lift / Tilt Dump; 1500 Rod Type Mfg Pre 06/02 OEM Ref P.N.'s; H3291, P1331, PH-020-168 NPT Ports	D60DD-20-79	3771421260	6.00	4.00	79.00
Hoist Lift / Tilt Dump; 1500 Mfg After 06/02 OEM Ref P.N.'s; FA1001 SAE Ports	D60DD-20-79	3771421260	6.00	4.00	79.00
Hoist Lift / Tilt Dump; 1560 Rod Type Mfg Pre 06/02 OEM Ref P.N.'s; H3292 NPT Ports	D70DD-9-79	3773721117	7.00	4.00	79.00
Hoist Lift / Tilt Dump; 1560 Rod Type Mfg After 06/02 OEM Ref P.N.'s; H3292 SAE Ports	D70DD-9-79	3773721117	7.00	4.00	79.00
Hoist Lift / Tilt Dump; 1500 Telescopic OEM Ref P.N.'s;	SD62DB-6-79	3771432081	Telescopic		79.00
Hoist Lift / Tilt Dump; 1500 Telescopic OEM Ref P.N.'s; 020116, PH-020-116	SD63DB-20-115.81	3771433943	Telescopic		115.81
Hoist Lift / Tilt Dump; 1560 Telescopic OEM Ref P.N.'s; H2208	SD73DB-10-115	3772533078	Telescopic		115.75
Stinger Tail Extend OEM Ref P.N.'s; A1162	3782000052	3782000052	4.00	2.00	48.00
Stinger Tail Extend OEM Ref P.N.'s; A5340	D30DD-17-48	3770521119	3.50	1.50	48.00



Galbreath Roll-Off

U4-EH, EX, HH, IO, OR, IH, MM and U5-DL, EH, EX, HH, IO, OR, SI

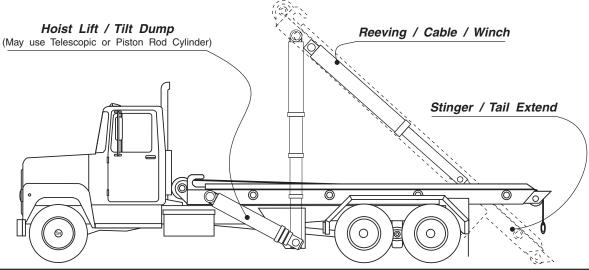


U4-EH-156 & -174 / U4-EX-156 & -175 / U4-HH	I-156 & -174 / U4-IO-	-156, -174 & -182 / U4-0	DR-156, -174	-182 / U4-IF	I / U4-MM
Cylinder Function	Parker Eng#	Parker Number	<u>Bore</u>	Rod	<u>Stroke</u>
Reeving / Cable / Winch; -156 OEM Ref P.N.'s; 2477, 8433, A1245, A2084, A3117	D60LN-2-75	3771421148	6.00	3.00	75.00
Reeving / Cable / Winch; -174 & -182 OEM Ref P.N.'s; 1040, 2476, 4815, 9889, A2203, A311	D60LN-2-80 9	3771421145	6.00	3.00	80.00
Hoist Lift / Tilt Dump; -156 & -174 OEM Ref P.N.'s; 1039, 1043, 1126, 3412, 9920, A1527 A1793, A3137, B1043	(D60DB-23-72)	3771421262	6.00	4.50	72.00
Hoist Lift / Tilt Dump; U4-MM OEM Ref P.N.'s; 2494, 3131, 3242, 3903, A2213 A3171, A3381	SD62CB-12-94	3771432078	Telescopio		94.00
Stinger Tail Extend; -EX- & -EH- OEM Ref P.N.'s; 1031, 2464, 3074, 4636, A3091	D35BB-1-80	3774021012	3.50	2.50	80.00
U5-DL-156, -174 & -194 / U5-EH-174 / U5-EX-195-10-156, -174, -182 & 194 / U5-OR-156, -174					
Cylinder Function	Parker Eng#	Parker Number	Bore	Rod	Stroke
Reeving / Cable / Winch; -156 OEM Ref P.N.'s; 2452, 9924, A1896, A2452, A3145	D70LN-2-75	3773721021	7.00	3.00	75.00
Reeving / Cable / Winch; -174, -182, -186 OEM Ref P.N.'s; 1054, 2460, 9921, A1529, A1717, A1897, A1968, A3147, B2460	D70LN-5-80	3773721139	7.00	3.00	80.00
Reeving / Cable / Winch; -194 OEM Ref P.N.'s; 2455, 2463, 9846, A1898, A1969, A3149, B2455	D70LN-5-90	3773721140	7.00	3.00	90.00
Hoist Lift / Tilt Dump; -156, -174, 182, 186 OEM Ref P.N.'s; 1039, 1043, 1126, 3412, 9920, A1527 A1793, A3137, B1043	(D60DB-23-72)	3771421262	6.00	4.50	72.00
Hoist Lift / Tilt Dump; -194 OEM Ref P.N.'s; 2419, 3116, 3139, 3902, A2083, A3167, A3377	SD62CB-12-114	3771432079	Telescopio	·	114.00
	D35BB-1-80	3774021012	3.50	2.50	80.00
Stinger Tail Extend; -EX- & -EH- OEM Ref P.N.'s; 1031, 2464, 3074, 4636, A3091					



Galbreath Roll-Off

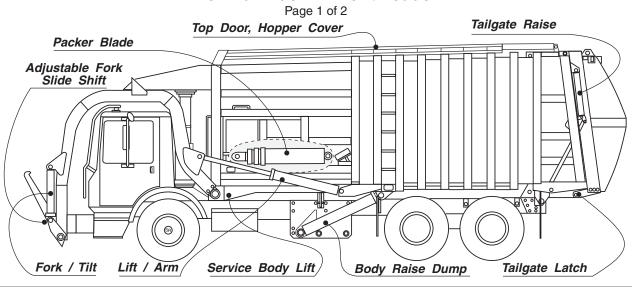
 $\mathsf{U5}\text{-}\mathsf{IH},\,\mathsf{MM}\,/\,\mathsf{UT}\text{-}\mathsf{EX},\,\mathsf{HH},\,\mathsf{OR},\,\mathsf{IO},\,\mathsf{IX},\,\mathsf{SI},\,\mathsf{UX}\text{-}\mathsf{EX},\,\mathsf{HH},\,\mathsf{DL},\,\mathsf{OR},\,\mathsf{IX}\,/\,\mathsf{UM}\text{-}\mathsf{EX},\,\mathsf{HH},\,\mathsf{OR},\,\mathsf{IO}$



UM-HH-194 / UM-OR-194 / UM-IO-194 / UX5	"	- · · · ·	_		Q
<u>Cylinder Function</u>	Parker Eng#	Parker Number	<u>Bore</u>	Rod	<u>Stroke</u>
Reeving / Cable / Winch; -156 OEM Ref P.N.'s; 2452, 9924, A1896, A2452, A3145	D70LN-2-75	3773721021	7.00	3.00	75.00
Reeving / Cable / Winch; -169, -174, -178, -182, -186 UM-HH-194 OEM Ref P.N.'s; 1054, 2460, 9921, A1529, A1717, A1897, A1968, A3147, B2460	(D70LN-5-80)	3773721139	7.00	3.00	80.00
Reeving / Cable / Winch; -194 OEM Ref P.N.'s; 2455, 2463, 9846, A1898, A1969, A3149, B2455	D70LN-5-90	3773721140	7.00	3.00	90.00
Hoist Lift / Tilt Dump; IH-174 OEM Ref P.N.'s; 1039, 1043, 1126, 3412, 9920, A1527 A1793, A3137, B1043	(<mark>D60DB-23-72</mark>)	3771421262	6.00	4.50	72.00
Hoist Lift / Tilt Dump; UM-EX, UM-HH, UM-OR UM-IO OEM Ref P.N.'s; 2420, 8973, A2212, A3169, A3379	SD62CB-12-79	3771432077	Telescopic		79.00
Hoist Lift / Tilt Dump; IH-156, MM, UX-EX, UX-HH UX-DL, UX-OR, UX-IO, UX-5 OEM Ref P.N.'s; 2494, 3131, 3242, 3903, A2213 A3171, A3381	SD62CB-12-94	3771432078	Telescopic		94.00
Hoist Lift / Tilt Dump; UT-IO-194 OEM Ref P.N.'s; 2419, 3116, 3139, 3902, A2083, A3167, A3377	SD62CB-12-114	3771432079	Telescopic		114.00
Hoist Lift / Tilt Dump; UT-EX-, UT-HH-, UT-OR-, UT-IO-174 & -182, -IX-, -SI-OEM Ref P.N.'s; 1111, A1606, A1745, A3173, A3383	SD63CB-23-118	3771433922	Telescopic		118.00
Stinger Tail Extend; -EX-, -IX- OEM Ref P.N.'s; 1031, 2464, 3074, 4636, A3091	D35BB-1-80	3774021012	3.50	2.50	80.00



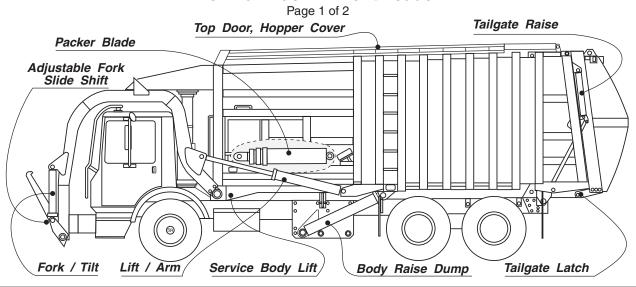
Heil Half Pack III Front Loader



Cylinder Function	Parker Eng#	Parker Number	<u>Bore</u>	Rod	<u>Stroke</u>
Arm / Lift OEM Ref P.N.'s; 1-4871	D45CC-14-41.50	3774121035	4.50	2.50	41.50
Arm / Lift OEM Ref P.N.'s; 1-5098, 1-5150, 1-6370, 1-6388	D45CC-19-41.50	3774121041	4.50	2.50	41.50
Fork / Tilt OEM Ref P.N.'s; 1-4868, 1-6369, 1-6669, 1-6777	D40CD-14-25	3776821084	4.00	2.00	25.00
Fork / Tilt With 3" Stop OEM Ref P.N.'s; 1-4903, 1-6384, 1-6670	D40CD-8-22	3776821067	4.00	2.00	22.00
Fork / Tilt With 6" Stop OEM Ref P.N.'s; 1-6126, 1-6385, 1-6671	D40CC-27-19	3776821094	4.00	2.00	19.00
Adjustable Fork / Slide Shift OEM Ref P.N.'s; 1-4876	N/A	N/A	1.50	1.00	
Top Door 28 Yd Body OEM Ref P.N.'s; 1-3717, 1-6386	D25LD-2-90	3772621121	2.50	1.50	90.00
Top Door 23 Yd Body OEM Ref P.N.'s; 1-3719, 1-6387	N/A	N/A	2.50	1.50	68.00
Tailgate Raise, Shur-Lock OEM Ref P.N.'s; 1-5088, 1-6521, 1-6721	D30CC-17-28.19	3770521108	3.00	1.75	28.18
Tailgate Raise OEM Ref P.N.'s; 1-4870	D30CL-2-25.25	3770521093	3.00	1.50	25.25
Tailgate Latch OEM Ref P.N.'s; 1-3727, 1-6153, 1-6522, 1-6720	D30CA-2-3.62	3770521101	3.00	1.50	3.63



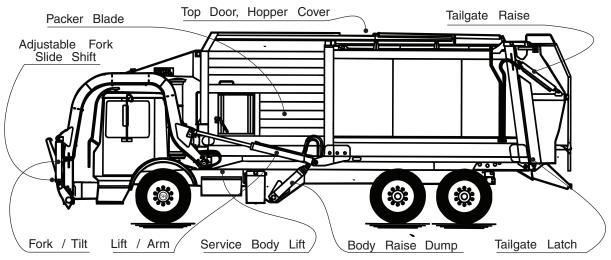
Heil Half Pack III Front Loader



Cylinder Function	Parker Eng#	Parker Number	Bore Rod	Stroke
Packer Blade, IIIE OEM Ref P.N.'s; 1-4906, 1-5112, 1-6075, 1-6100, 1-6250, 1-6257	SD53CD-4-169	3771933018	Telescopic	169.75
Packer Blade, IIIE 28 Yd OEM Ref P.N.'s; 1-4881, 1-4911, 1-6096, 1-6099, 1-6255, 1-6256	SD53CD-4-182	3771933016	Telescopic	182.00
Packer Blade, IIIE 23 YD OEM Ref P.N.'s; 1-5070, 1-5149, 1-6078, 1-6252, 1-6316, 1-6598	SD53CC-51-151.5	3771933036	Telescopic	151.50
Packer Blade, IIIE 28 Yd OEM Ref P.N.'s; 1-5147, 1-6076, 1-6247, 1-6318 1-6597	SD53CC-51-182	3771933032	Telescopic	182.00
Service Body Lift OEM Ref P.N.'s; 1-3735	N/A	N/A		
Packer Blade, IIID Gravity Dump OEM Ref P.N.'s; 1-5146, 1-6230, 1-6525	D55CC-6-63	3771921033	5.50 4.00	63.00
Packer Blade, IIID Gravity Dump OEM Ref P.N.'s; 1-4882	D55DB-2-63	3771921035	5.50 4.00	63.00
Body Raise Dump OEM Ref P.N.'s; 1-4869	D50DC-3-45	3777921070	5.00 3.50	45.00
Body Raise Dump, Pusher Axle III OEM Ref P.N.'s; 1-4854	S63DC-80-74.18	3771413261	Telescopic	74.19
Body Raise Dump OEM Ref P.N.'s; 1-4891, 1-6121	S52DB-9-67.50	3771512080	Telescopic	67.50
Body Raise Dump OEM Ref P.N.'s; 1-6140	N/A	N/A	Telescopic	



Heil Dura-Pack Half/Pack Front Loader Serial Numbers HPD4501000, HPE4601000 & HPS4701000 and AFTER

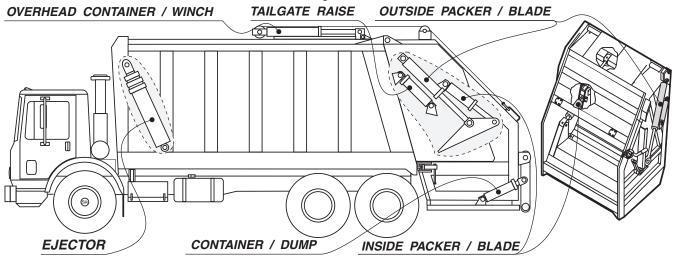


Cylinder Function	Parker Eng#	Parker Number	Bore	Rod	Stroke
Arm / Lift OEM Ref P.N.'s; 1-5098, 1-5150, 1-6370, 1-6388, 1-6775	D45CC-19-41.50	3774121041	4.50	2.50	41.50
Arm / Lift, Internal Cushioned OEM Ref P.N.'s; 1-6813	D45CD-6-41.50	3776321100	4.50	2.50	41.50
Fork / Tilt OEM Ref P.N.'s; 1-4868, 1-6369, 1-6669, 1-6777	D40CD-14-25	3776821084	4.00	2.00	25.00
Fork / Tilt With 3" Stop OEM Ref P.N.'s; 1-4903, 1-6384, 1-6670	D40CD-8-22	3776821067	4.00	2.00	22.00
Fork / Tilt With 6" Stop OEM Ref P.N.'s; 1-6126, 1-6385, 1-6671	D40CC-27-19	3776821094	4.00	2.00	19.00
Adjustable Fork / Slide Shift OEM Ref P.N.'s; 1-3798	D15CD-6-21	3776921021	1.50	1.00	21.00
Adjustable Fork / Slide Shift OEM Ref P.N.'s; 1-4876	N/A	N/A	2.12	1.50	13.12
Top Door 28 Yd Body OEM Ref P.N.'s; 1-3717, 1-6386	D25LD-2-90	3772621121	2.50	1.50	90.00
Top Door 23 Yd Body OEM Ref P.N.'s; 1-3719, 1-6387	N/A	N/A	2.50	1.50	68.00
Tailgate Raise OEM Ref P.N.'s; 1-5088	D30CC-17-28.19	3770521108	3.00	1.75	28.18
Tailgate Raise OEM Ref P.N.'s; 1-6521	N/A	N/A	3.00	1.75	28.18
Tailgate Latch OEM Ref P.N.'s; 1-3727, 1-6153, 1-6522, 1-6720	D30CA-2-3.62	3770521101	3.00	1.50	3.63
Packer Blade, HPD45 Gravity Dump OEM Ref P.N.'s; 1-5146, 1-6230, 1-6525	D55CC-6-63	3771921033	5.50	4.00	63.00
Packer Blade, HPE46 & HPS47 23 Yd OEM Ref P.N.'s; 1-5070, 1-5149, 1-6078, 1-6252, 1-6316, 1-6598	SD53CC-59-151.5	3771933044	Telescopio		151.00
Packer Blade, HPE46 & HPS47 28 Yd OEM Ref P.N.'s; 1-5147, 1-6076, 1-6247, 1-6318, 1-6597	SD53CC-59-182	3771933056	Telescopio		182.00
Service Body Lift, HPS47 OEM Ref P.N.'s; 1-3735	N/A	N/A	4.00	1.75	20.00
Body Raise Dump, HPD45 Gravity Dump OEM Ref P.N.'s; 1-4891, 1-6121	S52DB-9-67.50	3771512080	Telescopio		67.50
Body Raise Dump, HPD45 Gravity Dump OEM Ref P.N.'s; 1-6425	S52CC-41-67.25	3771512091	Telescopio	; 	67.25



Heil Formula 5000 Rear Loader

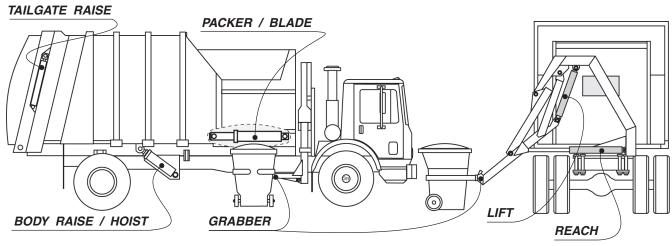
Page 1 of 2



Cylinder Function	Parker Eng#	Parker Number	<u>Bore</u>	Rod	<u>Stroke</u>
Outside Packer / Blade; New Style OEM Ref P.N.'s; 1-4824, 1-4828, 1-4884, 1-5110, 1-6610	D50CC-27-36	3777921093	5.00	2.50	36.00
Outside Packer / Blade; Old Style OEM Ref P.N.'s; 1-4093	D50CC-23-36	3777921065	5.00	2.50	36.00
Inside Packer / Blade Sweep; New Style OEM Ref P.N.'s; 1-4347, 1-4887, 1-5111, 1-6611	D55CC-10-24.25	3771921043	5.50	3.50	24.25
Inside Packer / Blade Sweep; Old Style OEM Ref P.N.'s; 1-4094	D50CC-22-20	3777921064	5.00	3.00	20.00
Tailgate Raise; S/N 2740 & AFTER OEM Ref P.N.'s; 1-4348	S35CC-2-24.75	3776815001	4.00	3.50	24.75
Tailgate Raise; FP5014001-AFTER OEM Ref P.N.'s; 1-4880	S35CC-3-24.38	3776815002	4.00	3.50	24.38
Tailgate Raise; Old Style OEM Ref P.N.'s; 1-4272	C3876	3790003876	4.00	3.50	27.00
Container Dump, Arm Type OEM Ref P.N.'s; 1-4283	D30CL-3-18.44	3770521099	3.00	1.50	18.44
Container Dump, Roll Bar OEM Ref P.N.'s; 1-4105	D25CC-10-14.12	3772621119	2.50	1.50	14.12
Container Dump, Roll Bar Flipper OEM Ref P.N.'s; 1-4264	N/A	N/A			
Overhead Container Reeving OEM Ref P.N.'s; 1-4309	D55CB-5-49.88	3771921034	5.50	4.00	49.88
Overhead Container Reeving, S/N 8725-After OEM Ref P.N.'s; 1-6189	N/A	N/A			
Overhead Container Reeving, S/N FP5014001-AFTER OEM Ref P.N.'s; 1-6061	D55CB-6-52.88	3771921038	5.50	4.00	52.75



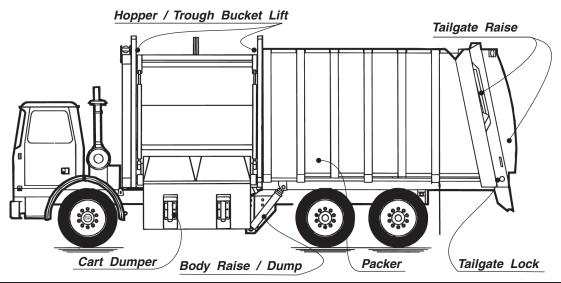
Heil Formula 7000 Automated Side Loader



Cylinder Function Arm Lift	Parker Eng# C3576	Parker Number 3790003576	<u>Bore</u> 3.00	Rod 1.50	Stroke 27.62
OEM Ref P.N.'s; 1-4275, 1-4338, 1-6582		3790003370	3.00	1.50	21.02
Arm Reach OEM Ref P.N.'s; 1-4276	C3602	3790003602	3.00	1.50	30.50
Arm Reach OEM Ref P.N.'s; 1-6094	D30CC-16-30.50	3770521106	3.00	1.50	30.50
Arm Reach OEM Ref P.N.'s; 1-6364	N/A		3.00	1.50	30.50
Grabber OEM Ref P.N.'s; 1-4277, 1-4327	C3603	3790003603	3.00	1.50	11.00
Grabber; Rapid Rail Arm OEM Ref P.N.'s; 1-6169, 1-6330, 1-6331, 1-6402, 1-64	D30CC-18-8.00 16	3770521110	3.00	1.12	8.00
Grabber OEM Ref P.N.'s; 1-4297	C3875	3790003875	3.00	1.50	11.00
Tailgate Raise OEM Ref P.N.'s; 1-4123, 1-4305	C4438	3790004438	3.00	1.50	25.25
Tailgate Raise OEM Ref P.N.'s; 1-5088, 1-6521, 1-6721	D30CC-17-28.19	3770521108	3.00	1.50	28.19
Tailgate Latch OEM Ref P.N.'s; 1-3727, 1-6153, 1-6522, 1-6720	D30CA-2-3.62	3770521101	3.00	1.50	3.63
Packer / Full Eject, 27 Yd OEM Ref P.N.'s; 1-5070, 1-5149, 1-6078, 1-6252, 1-63	SD53CC-59-151.5 16, 1-6598	3771933044	Telescopic		151.50
Packer / Full Eject, 31 Yd OEM Ref P.N.'s; 1-5147, 1-6067, 1-6076, 1-6247, 1-63	SD53CC-59-182 118, 1-6597	3771933056	Telescopic		182.00
Packer / Full Eject, 27 Yd OEM Ref P.N.'s; 1-5148, 1-6077, 1-6251	N/A		Telescopic		138.00
Packer / Dump Unit OEM Ref P.N.'s; 1-4298, 1-4299, 1-4878	C3563	3790003563	5.50	4.00	54.13
Packer / Dump Unit, Rapid Rail Durapack OEM Ref P.N.'s; 1-4915, 1-6560	D50CC-24-34.19	3777921069	5.50	3.50	34.19
Body Raise / Dump OEM Ref P.N.'s; 1-2039, 1-4807, 1-6157, 1-6191	S52CC-41-54.62	3771512092	Telescopic		56.07

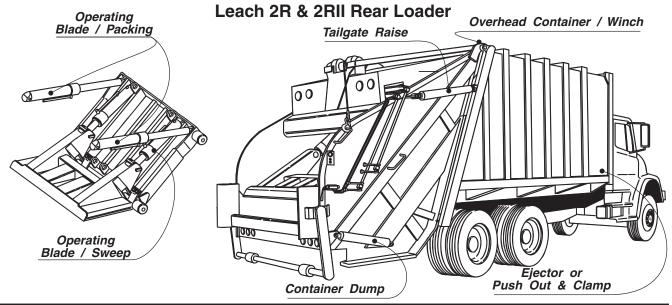


Heil Recycle 2000 Recycling Body



Cylinder Function Hopper / Trough Bucket Lift OEM Ref P.N.'s; 1-6070, 1-6142	Parker Eng# D30CC-13-21.62	<u>Parker Number</u> (3770521098)	<u>Bore</u> 3.00	Rod (1.580)	Stroke 21.62
Packer OEM Ref P.N.'s; 1-6069	D40CD-13-37	3776821078	4.00	2.50	37.00
Tailgate Raise, Upper OEM Ref P.N.'s; 1-2105, 1-3513, 1-4283	D30CL-3-18.44	3770521099	3.00	1.50	18.44
Tailgate Raise, Lower OEM Ref P.N.'s; 1-3778	D30CL-4-23.25	3770521100	3.00	1.50	23.19
Tailgate Latch OEM Ref P.N.'s; 1-3727, 1-6153, 1-6522, 1-6720	D30CA-2-3.62	3770521101	3.00	1.50	3.63
Body Raise / Dump, 33 YD OEM Ref P.N.'s; 1-2039, 1-4807, 1-6157, 1-6191	S52CC-41-54.62	3771512092	Telescopic		56.00
Body Raise / Dump, 38 YD OEM Ref P.N.'s; 1-6425	S52CC-41-67.25	3771512091	Telescopic		67.25
Body Raise / Dump, 38 YD OEM Ref P.N.'s; 1-6117	S63DC-79-67	3771413260	Telescopic		67.00
Cart Dumper OEM Ref P.N.'s	N/A				

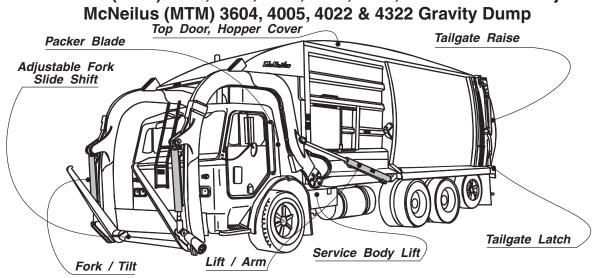




Cylinder Function	Parker Eng#	Parker Number	Bore	Rod	Stroke
Operating, Blade Packing & Sweep: SN 0001-8993 OEM Ref P.N.'s; 2R1006A, 304805	D60BC-5-30.31 536	3771421251 + 536 Kit	6.00	4.50	30.25
Operating, Blade Packing & Sweep: SN 8997-10999 OEM Ref P.N.'s; 2R1008R, 32046, 300679, 300900, 300990, 303904, 305827, 306562	D60BC-5-30.31 495	3771421251 + 496 Kit	6.00	4.50	30.25
Operating, Blade Packing & Sweep: SN 11000-15999 OEM Ref P.N.'s; 304168, 307081, 620568	D60BC-5-30.31	3771421251	6.00	4.50	30.25
Operating, Blade Packing & Sweep: SN 16000-UP OEM Ref P.N.'s; 700081, 717488	D60BC-5-30.31 528	3771421251 + 528 Kit	6.00	4.50	30.25
Operating, Blade / Sweep, Tag Axle: SN 11000-15999 OEM Ref P.N.'s; 307082, 620509, 700289	D60BC-6-27.81	3771421256	6.00	4.50	27.81
Tailgate Raise: SN 0001-15999 OEM Ref P.N.'s; PO265, 400753, 401056, 402160, 402324, 405089, 405114, 406369, 40	S41LC-1-39.38 06399, 406639, 601429	3771011057	4.00	2.25	39.38
Tailgate Raise: SN 16000-UP OEM Ref P.N.'s; 210629, 701479, 709174	S35CL-2-32.69	3776815003	4.00	3.50	32.69
Tailgate Latch: SN 16000-UP OEM Ref P.N.'s; 306845	N/A				
Overhead Container Winch Reeving: SN 0001-UP OEM Ref P.N.'s; 305975, 402087, 406582	D60CF-2-57	3771421223	6.00	4.50	57.00
Container Dump: SN 0001-15999 OEM Ref P.N.'s; 15373, 401207, 405964, 605250	D40CD-11-15	3776821074	4.00	2.00	15.00
Container Dump Standard: SN 16000-UP OEM Ref P.N.'s; 407028	D40CL-3-23.50	3776821076	4.00	2.00	23.38
Container Dump Tag Axle: SN 16000-UP OEM Ref P.N.'s; 605252	N/A				



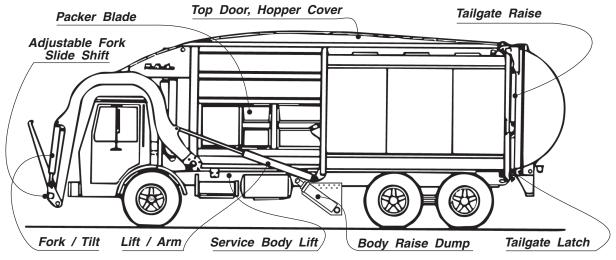
McNeilus (MTM) 3604, 4004, 4304, 4504, 4020, 4320 & 4520 Full Eject



Cylinder Function Arm / Lift OEM Ref P.N.'s; 0619891, 0619891, 1000069, 1144708 9570.614366, 9570.614380, 9570.619		<u>Parker Number</u> (3774121043)	<u>Bore</u> (4.50)	Rod 2.50	Stroke 46.00
Arm / Lift OEM Ref P.N.'s; 0604120, 9272.604120, 9570.604120	D4195	3790004195	5.00	2.50	44.55
Fork / Tilt OEM Ref P.N.'s; 0614333, 1000068, 1144704, 9070.61	D35CC-27-26 4333, 9570.614333	3773821085	3.50	2.00	26.00
Fork / Tilt, Threaded Rod Eye OEM Ref P.N.'s; 9272.604121, 9570.604121	D40CC-29-26	3776821108	4.00	2.00	26.00
Fork / Tilt, with Special Valving OEM Ref P.N.'s; 9570.619980	B5864	3790005864	3.50	2.00	26.00
Adjustable Fork / Slide Shift OEM Ref P.N.'s; 0617862, 9570.617862	B4708	3790004708	2.00	1.25	20.00
Top Door OEM Ref P.N.'s; 0614371, 0660778, 1000077, 1000160 1144702, 9170.614371, 9170.660778,		3770121144	2.00	1.50	95.00
Tailgate Raise OEM Ref P.N.'s; 0619881, 1000066, 1149602, 9370.614365, 9370.619881, 9370.914	C5219 365	3790005219	3.25	2.00	31.00
Tailgate Raise OEM Ref P.N.'s; 0619882, 1000067, 1144703, 9272.604127, 9370.604127, 9370.619	D32LL-11-38 882	3770721137	3.25	2.00	38.00
Packer Blade, 40 Yd Full Eject OEM Ref P.N.'s; 0604124, 1000081, 1181025, 9270.604124, 9272.604124, 9370.604	SD53CC-48-164 124, 9470.604124	3771933024	Telescopic		164.00
Packer Blade, 45 Yd Full Eject OEM Ref P.N.'s; 0614374, 1100116, 1151023, 9270.61	SD53CC-48-170 4374	3771933027	Telescopic		170.00
Service Body Lift OEM Ref P.N.'s; 0619884, 1000078, 9170.619884	S28CC-1-16	3776721044	2.88	2.50	16.00
Packer Blade, Gravity Dump OEM Ref P.N.'s; 0604126, 1100038, 1151008, 9272.60	D60DC-13-65.75 4126	3771421247	6.00	4.00	65.75
Body Raise, Gravity Dump OEM Ref P.N.'s; 0642852, 1148536, 9170.642852, 977	S53DB-22-63 0.640888	3771513182	Telescopic		63.12



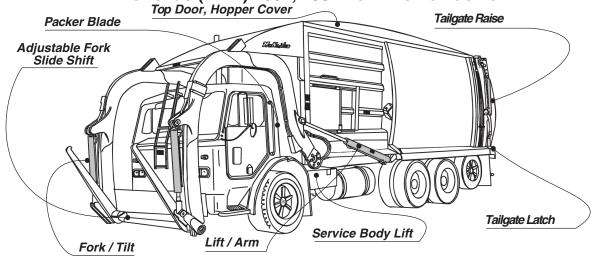
McNeilus (MTM) 3629, 4029, 4329, 4529 Atlantic Full Eject McNeilus (MTM) 3624, 4024, 4324 & 4524 Atlantic Gravity Dump



Cylinder Function Arm / Lift OEM Ref P.N.'s; 0614366, 0619891, 1000069, 1144708, 1151111, 1151119, 13983	Parker Eng# D45CC-20-46 93, 9570.614366, 9570.6	Parker Number 3774121043 614380, 9570.619891	<u>Bore</u> 4.50	<u>Rod</u> 2.00	Stroke 46.00
Fork / Tilt OEM Ref P.N.'s; 0614333, 1000068, 1144704, 1151109, 9070.614333, 9570.61433	D35CC-27-26	3773821085	3.50	2.00	26.00
Fork / Tilt, with Special Valving OEM Ref P.N.'s; 0619980, 9570.619980	B5864	3790005864	3.50	2.00	26.00
Adjustable Fork / Slide Shift OEM Ref P.N.'s; 0617862, 1144705, 9570.617862, 9570.660782	B4708	3790004708	2.00	1.25	20.00
Top Door OEM Ref P.N.'s; 0614371, 0660778, 1000077, 10001 1144702, 1150997, 9170.614371, 91		3770121144 17	2.00	1.50	95.00
Top Door (Long Lightweight) OEM Ref P.N.'s; 0660012, 1145516, 9170.619880, 91	D20DD-8-107 170.660012	3770121139	2.00	1.50	107.00
Tailgate Raise OEM Ref P.N.'s; 0126200, 0604127, 0619882, 10000 1144703, 1151047, 9272.604127, 93		<mark>3770721137</mark> 27, 9370.619882	3.25	2.00	38.00
Packer Blade, 40 Yd Full Eject OEM Ref P.N.'s; 0661950, 1130000, 1140624,	SD63CC-49-164	3771833013	Telescopi	<mark>0</mark>	164.00
1144059, 1254376, 9430.661950					
Packer Blade, 43 & 45 Yd Full Eject OEM Ref P.N.'s; 0661951, 1130001, 1140625, 1142458, 1142468, 1237812, 9430.6	SD63CC-49-181	(3771833014)	Telescopi	<u>.</u>	181.00
Packer Blade, 43 & 45 Yd Full Eject OEM Ref P.N.'s; 0661951, 1130001, 1140625,		3771833014 3776721044	Telescopia 2.88	2.50	16.00
Packer Blade, 43 & 45 Yd Full Eject OEM Ref P.N.'s; 0661951, 1130001, 1140625, 1142458, 1142468, 1237812, 9430.6 Service Body Lift	661951				
Packer Blade, 43 & 45 Yd Full Eject OEM Ref P.N.'s; 0661951, 1130001, 1140625, 1142458, 1142468, 1237812, 9430.6 Service Body Lift OEM Ref P.N.'s; 0619884, 1000078, 9170.619884 Packer Blade, Atlantic Gravity Dump	S28CC-1-16	3776721044	2.88	2.50	16.00



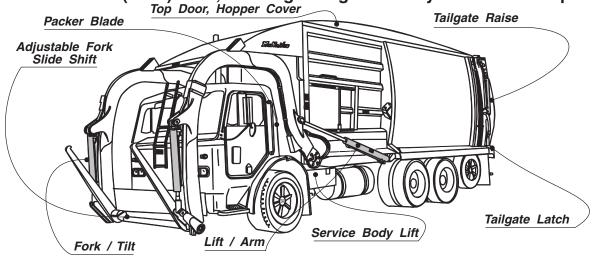
McNeilus (MTM) 4080, 4081, 4380 & 4381 Pacific McNeilus (MTM) 4082, 4382 Low Profile Pacific



Cylinder Function	Parker Eng#	Parker Number	<u>Bore</u>	Rod	<u>Stroke</u>
Arm / Lift	D40CC-28-46	3776821107	4.00	2.00	46.00
OEM Ref P.N.'s; 0660777, 1000158, 1145515, 9570.66					
Arm / Lift OEM Ref P.N.'s; 0614366, 0619891, 1000069,	D45CC-20-46	3774121043	4.50	2.00	46.00
1144708, 11511111, 1151119, 1398393	3, 9570.614366, 9570.61	4380, 9570.619891			
Fork / Tilt	D30CD-9-20	3790005461	3.00	1.75	20.00
OEM Ref P.N.'s; 0619876, 9570.619876	20002 0 20	0.00000101	0.00		20.00
Fork / Tilt OEM Ref P.N.'s; 0660009, 0660781, 1100028, 9570.66	D30CD-12-20	3775421003	3.00	1.75	20.00
		0770004005	0.50	0.00	(00.00)
Fork / Tilt OEM Ref P.N.'s; 0614333, 1000068, 1144704, 1151109, 9070.614333, 9570.614333	D35CC-27-26	3773821085	3.50	2.00	26.00
Fork / Tilt OEM Ref P.N.'s; 0660011, 9570.660011	B6353	3790006353	3.50	2.00	20.00
Adjustable Fork / Slide Shift OEM Ref P.N.'s; 0617862, 1144705, 9570.617862, 9570.660782	B4708	3790004708	2.00	1.25	20.00
Top Door	D20DD-8-95	3770121144	2.00	1.50	95.00
OEM Ref P.N.'s; 0614371, 0660778, 1000077, 1000160 1144702, 1150997, 9170.614371, 917					
Top Door OEM Ref P.N.'s; 1145516, 9170.619880, 9170.660012	D20DD-8-107	3770121139	2.00	1.50	107.00
Tailgate Raise OEM Ref P.N.'s; 0637009, 1000161, 9370.637009	D25LL-19-38	3772621150	2.50	1.50	38.00
Tailgate Raise OEM Ref P.N.'s; 0637010, 1100105, 1144707, 9370.63	D25LL-20-38 37010	3772621153	2.50	1.50	38.00
Packer Blade OEM Ref P.N.'s; 1262417	SD53DD-2-182.62	3771933053	Telescopic		182.50
Packer Blade OEM Ref P.N.'s; 1148495, 1416908	SD63DD-3-170	3771833016	Telescopic		170.00
Packer Blade OEM Ref P.N.'s; 0660776, 1000157, 1148495, 9170.66	SD53DD-CP592-170 0776	3799000592	Telescopic		170.00
Service Body Lift OEM Ref P.N.'s; 0619884, 1000078, 9170.619884	S28CC-1-16	3776721044	2.88	2.50	16.00
Packer Blade, Gravity Dump OEM Ref P.N.'s; 9570.660785	B6422	3790006422	5.50	3.50	66.19
Body Raise, Gravity Dump OEM Ref P.N.'s; 0126158, 1148497, 9070.126158	S63DC-77-66	3771413258	Telescopic		66.00
Body Raise, Gravity Dump OEM Ref P.N.'s; 0633832, 1148537, 9170.633832	S75DB-CP394-86	3799000394	Telescopic		86.25



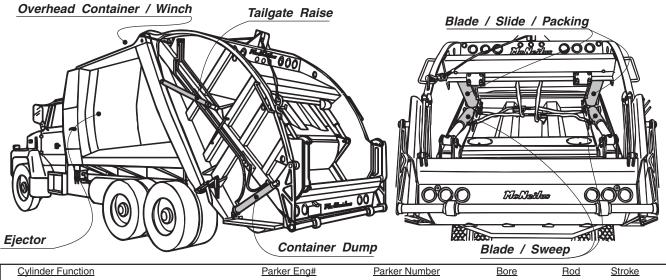
McNeilus (MTM) 4027, 4327 Lightweight Century Full Eject McNeilus (MTM) 4028, 4328 Lightweight Century Half Pack Dump



Cylinder Function	Parker Eng#	Parker Number	Bore	Rod	Stroke
Arm / Lift OEM Ref P.N.'s; 0619877, 9570.619877	B5462	3790005462	4.00	2.50	46.00
Arm / Lift OEM Ref P.N.'s; 0614366, 0619891, 1000069,1144708 9570.614366, 9570.614380, 9570.619		3774121043	4.50	2.50	46.00
Fork / Tilt OEM Ref P.N.'s; 0619876, 9570.619876	D30CD-9-20	3790005461	3.00	1.75	20.00
Fork / Tilt OEM Ref P.N.'s; 0614333, 1000068, 1144704, 9070.614333, 9570.614333	D35CC-27-26	3773821085	3.50	2.00	26.00
Fork / Tilt, With Counter Balance Valve OEM Ref P.N.'s; 0618928, 9370.618928, 9570.618928	B5780	3790005780	3.50	2.00	26.00
Adjustable Fork / Slide Shift OEM Ref P.N.'s; 0617862, 1144705, 9570.617862, 957	B4708 0.660782	3790004708	2.00	1.25	20.00
Top Door OEM Ref P.N.'s; 1145516, 9170.619880, 9170.660012	D20DD-8-107	3770121139	2.00	1.50	107.00
Tailgate Raise OEM Ref P.N.'s; 0642853, 1000075, 9370.642853	B5491	3790005491	3.00	2.00	31.00
Packer Blade OEM Ref P.N.'s; 9270.614373, 9470.619878	D5753	3790005753	Telescopic		149.00
Service Body Lift OEM Ref P.N.'s; 0619884, 1000078, 9170.619884	S28CC-1-16	3776721044	2.88	2.50	16.00
Packer Blade, Gravity Dump OEM Ref P.N.'s; 9170.619875	B5454	3790005454	5.00	3.00	59.00
Body Raise, Gravity Dump, 36 YD OEM Ref P.N.'s; 0615862, 9270.615862, 9770.615862	S64DB-10-73	3771414053	Telescopic		73.00
Body Raise, Gravity Dump, 39 YD OEM Ref P.N.'s; 0633832, 1148537, 9170.633832	S75DB-CP394-86	3799000394	Telescopic		86.00



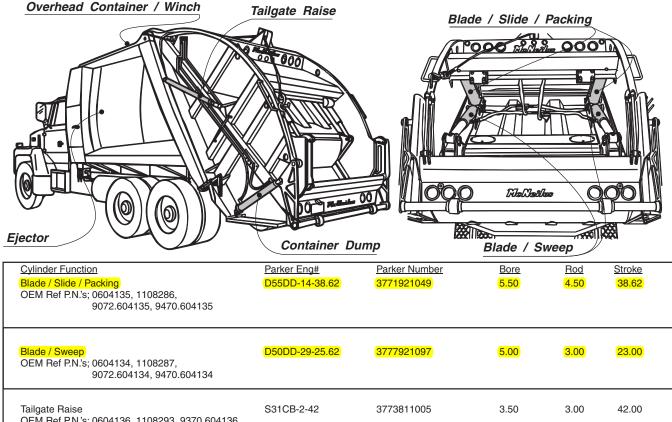
McNeilus (MTM) Standard & Heavy Duty Rear Loader 1710, 2010, 2510, 3210 Standard & 1711, 2011, 2511, 3211 Heavy Duty



<u>Cylinder Function</u> Blade / Slide / Packing, Standard OEM Ref P.N.'s; 0604144, 1109366, 9470.604144	<u>Parker Eng#</u> D4292	<u>Parker Number</u> 3790004292	<u>Bore</u> 4.50	<u>Rod</u> 3.50	Stroke 32.50
Blade / Slide / Packing, Heavy Duty OEM Ref P.N.'s; 0604146, 1108291, 9470.604146	D50DD-30-32.50	3777921098	5.00	4.00	32.50
Blade / Sweep, Standard OEM Ref P.N.'s; 0604143, 1109367, 9470.604143	D4291	3790004291	4.00	3.00	23.00
Blade / Sweep, Heavy Duty OEM Ref P.N.'s; 0604145, 1108292, 9470.604145	D45DD-9-23	3774121049	4.50	3.50	23.00
Tailgate Raise OEM Ref P.N.'s; 0601930, 1108290, 9072.601930, 9072.601940, 9370.601930, 9370.60	S28CC-2-38.00 04130	3776718001	2.88	2.50	38.00
Overhead Container Winch Reeving OEM Ref P.N.'s; 0605700, 1109369, 9072.601492, 9170.605700, 9370.605700, 9970.60	B5473 04129	3790005473	5.00	3.50	50.00
Container Dump, Crash Bar OEM Ref P.N.'s; 1109749, 9370.605701	D25LL-17-12.00	3772621145	2.50	1.50	12.00
Container Dump OEM Ref P.N.'s; 0605702, 1100117, 1109370, 9370.605702, 9572.601691, 9970.60	D30CL-5-24 01691	3770521130	3.00	1.75	24.00
Ejector Push Out, 17 Yd OEM Ref P.N.'s; 0604139, 1148073, 9270.604139	SD63DC-74-71.75	3771433939	Telescopic		71.75
Ejector Push Out, 20 Yd OEM Ref P.N.'s; 0604142, 1148074, 9072.604142, 9270.604142, 9272.604142	SD63DC-7-88	3771433071	Telescopic		88.75
Ejector Push Out, 25 Yd OEM Ref P.N.'s; 0604137, 1147920, 9072.604137, 9270.604137	SD74DC-7-119	3772534040	Telescopic		119.50
Ejector Push Out, 28 Yd OEM Ref P.N.'s; 1147929, 9070.670032	SD74DC-CP615-138	3799000615	Telescopic		138.00
Ejector Push Out, 32 Yd OEM Ref P.N.'s; 0604138, 1148075, 9072.604138, 9270.604138	SD85DC-7-163	3772935036	Telescopic		163.00



McNeilus (MTM) XC High Compaction Rear Loader 2003, 2503, 3203, 2013, 2513, 3213, XC

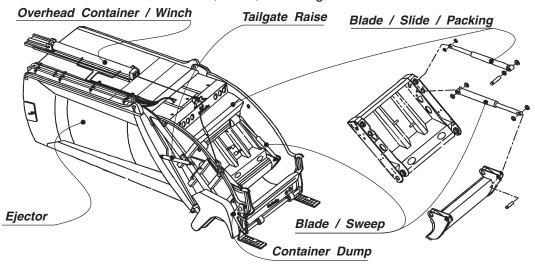


Blade / Sweep OEM Ref P.N.'s; 0604134, 1108287, 9072.604134, 9470.604134	D50DD-29-25.62	3777921097	5.00	3.00	23.00
Tailgate Raise OEM Ref P.N.'s; 0604136, 1108293, 9370.604136	S31CB-2-42	3773811005	3.50	3.00	42.00
Overhead Container Winch Reeving OEM Ref P.N.'s; 0605700, 1109369, 9072.601492, 9170.605700, 9370.605700, 9970.60	B5473 04129	3790005473	5.00	3.50	50.00
Container Dump, Crash Bar OEM Ref P.N.'s; 1109749, 9370.605701	D25LL-17-12.00	3772621145	2.50	1.50	12.00
Container Dump OEM Ref P.N.'s; 0605702, 1100117, 1109370, 9370.605702, 9572.601691, 9970.60	D30CL-5-24 D1691	3770521130	3.00	1.75	24.00
Ejector Push Out, 17 Yd OEM Ref P.N.'s; 0604139, 1148073, 9270.604139	SD63DC-74-71.75	3771433939	Telescopic		71.75
Ejector Push Out, 20 Yd OEM Ref P.N.'s; 0604142, 1148074, 9072.604142, 9270.604142, 9272.604142	SD63DC-7-88	3771433071	Telescopic		88.75
Ejector Push Out, 25 Yd OEM Ref P.N.'s; 0604137, 1147920, 9072.604137, 9270.604137	SD74DC-7-119	3772534040	Telescopic		119.50
Ejector Push Out, 28 Yd OEM Ref P.N.'s; 1147929, 9070.670032	SD74DC-CP615-138	3799000615	Telescopic		138.00
Ejector Push Out, 32 Yd OEM Ref P.N.'s; 0604138, 1148075, 9072.604138, 9270.604138	SD85DC-7-163	3772935036	Telescopic		163.00



McNeilus (MTM) Tag Axle Rear Loader

2012, 2512, 3212 Tag Axle

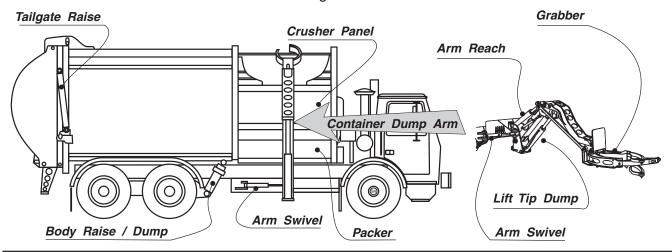


Cylinder Function Blade / Slide / Packing OEM Ref P.N.'s; 0604976, 1109368, 9970.604976	Parker Eng# D50DD-32-37.25	<u>Parker Number</u> <u>3777921102</u>	<u>Bore</u> (5.00)	Rod 4.00	Stroke 37.25
Blade / Sweep OEM Ref P.N.'s; 0604145, 1108292, 9470.604145	D45DD-9-23	3774121049	4.50	3.50	23.00
Tailgate Raise OEM Ref P.N.'s; 0604136, 9370.604136	S31CB-2-42	3773811005	3.50	3.00	42.00
Overhead Container Winch Reeving OEM Ref P.N.'s; 0605700, 1109369, 9072.601492, 9170.605700, 9370.605700, 9970.60	B5473 04129	3790005473	5.00	3.50	50.00
Container Dump, Crash Bar OEM Ref P.N.'s; 1109749, 9370.605701	D25LL-17-12.00	3772621145	2.50	1.50	12.00
Container Dump OEM Ref P.N.'s; 1109748, 9970.604975	C4750	3790004750	3.00	1.75	13.50
Ejector Push Out, 20 Yd OEM Ref P.N.'s; 0604142, 1148074, 9072.604142, 9270.604142, 9272.60	SD63DC-7-88 04142	3771433071	Telescopic		88.75
Ejector Push Out, 25 Yd OEM Ref P.N.'s; 0604137, 1147920, 9072.604137, 9270.604137	SD74DC-7-119	3772534040	Telescopic		119.50
Ejector Push Out, 28 Yd OEM Ref P.N.'s; 1147929, 9070.670032	SD74DC-CP615-138	3799000615	Telescopic		138.00
Ejector Push Out, 32 Yd OEM Ref P.N.'s; 0604138, 1148075 9072.604138, 9270.604138	SD85DC-7-163	3772935036	Telescopic		163.00



McNeilus (MTM) AutoReach Side Loader

AutoReach 99, AutoReach, Dual Compartment, Street Force Page 1 of 2

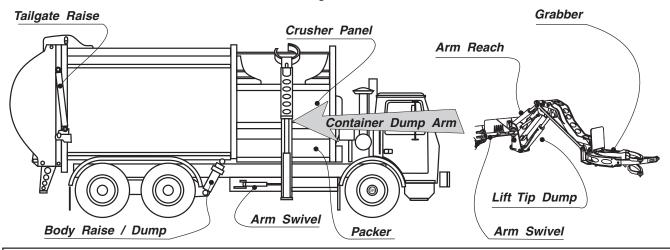


Cylinder Function	Parker Eng#	Parker Number	<u>Bore</u>	Rod	Stroke
Grabber OEM Ref P.N.'s; 1132626, 1132629, 1145283 1145648, 1151133, 9570.643706	D20DD-6-6.25	3770121136	2.00	1.00	6.25
Arm Reach OEM Ref P.N.'s; 1145617, 9570.643701	B5495	3790005495	3.50	2.00	14.75
Arm Reach OEM Ref P.N.'s; 1145618, 9070.644203, 9570.643710	B5899	3790005899	3.50	2.00	14.75
Arm Lift, Tip Dump OEM Ref P.N.'s; 1145616, 9570.643705	D35DD-1-17.88	3790005501	3.50	2.00	17.88
Arm Swivel, Swing OEM Ref P.N.'s; 0638264, 1100106, 9070.638264	B6387	3790006387	2.00	1.25	9.12
Arm Swivel, Swing OEM Ref P.N.'s; 1103780, 1145619	B6546	3790006546	2.00	1.25	8.12
Arm Swivel, Swing OEM Ref P.N.'s; 1145284, 9570.643708	D30DD-12-9.12	3790005740	3.00	1.50	9.12
Arm Swivel, Swing, Dual Compartment OEM Ref P.N.'s; 9070.644194	B5698	3790005698	2.50	1.75	15.00
Packer OEM Ref P.N.'s; 0126256, 1100031, 1145282, 1273348, 200.126256	D45DD-10-52.75	3774121054	4.50	3.00	52.75
Packer OEM Ref P.N.'s; 1150957, 200.126257	B6236	3790006236	5.00	3.00	34.50
Packer, Dual Compartment Upper OEM Ref P.N.'s; 9070.644180	B5442	3790005442	3.00	2.00	21.50
Packer, Dual Compartment Lower OEM Ref P.N.'s; 9070.644183	D45DD-7-34.50	3790006002	4.50	3.00	34.50
Crusher Panel, Packer Assist OEM Ref P.N.'s; 0615860, 1000092, 1145280 9170.615860, 9270.615860	C4539	3790004539	3.00	2.00	14.00



McNeilus (MTM) AutoReach Side Loader

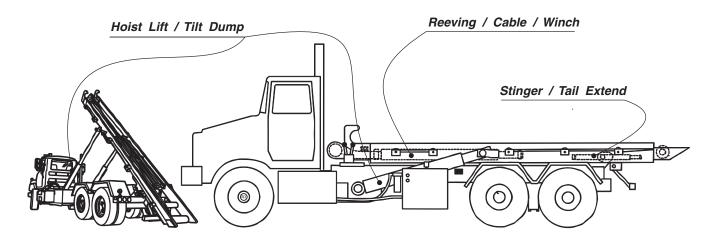
AutoReach 99, AutoReach, Dual Compartment, Street Force Page 2 of 2



Cylinder Function	Parker Eng#	Parker Number	<u>Bore</u>	Rod	<u>Stroke</u>
Tailgate Raise OEM Ref P.N.'s; 0637009, 1000161, 9370.637009	D25LL-19-38	3772621150	2.50	1.50	38.00
Tailgate Raise OEM Ref P.N.'s; 0637010, 1100105, 1144707 9370.637010	D25LL-20-38	3772621153	2.50	1.50	38.00
Tailgate Raise OEM Ref P.N.'s; 0642853, 1000075, 9370.642853	B5491	3790005491	3.00	2.00	31.00
Tailgate Raise OEM Ref P.N.'s; 0619882, 1000067, 1144703, 9272.604127, 9370.619882, 9370.60	D32LL-11-38 4127	3770721137	3.25	2.00	38.00
Tailgate Raise, Dual Compartment Upper OEM Ref P.N.'s; 9370.634905	B4942	3790004942	2.00	1.25	12.00
Tailgate Raise, Dual Compartment Lower OEM Ref P.N.'s; 0634906, 9370.634906, 9370.643906	D20LL-8-20 6	3790005724	2.00	1.25	20.00
Body Raise / Dump OEM Ref P.N.'s; 0642852, 1148536, 9170.642852, 9770.640888	S53DB-22-63	3771513182	Telescopic		63.00



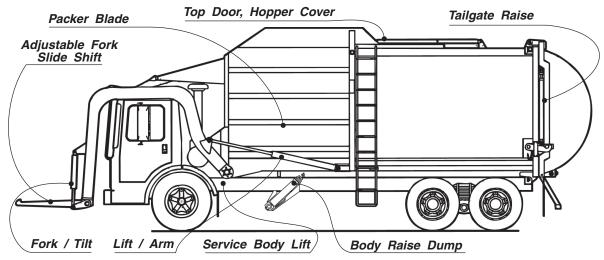
McNeilus (MTM) Roll-Off



Cylinder Function	Parker Eng#	Parker Number	<u>Bore</u>	Rod	<u>Stroke</u>
Reeving / Cable / Winch; 60,000# OEM Ref P.N.'s; 0651550, 1146285, 1229476, 9070.651550, 9070.654695, 9180.6	D62LB-5-80 51550	3771421180	6.25	4.75	80.00
Reeving / Cable / Winch; 80,000# OEM Ref P.N.'s; 1148237, 9070.654697, 9180.65469	D72LB-9-80	3772521122	7.25	4.75	80.00
Hoist Lift / Tilt Dump; 60,000# OEM Ref P.N.'s; 0651550, 1146285, 1229476, 9070.651550, 9070.654695, 9180.6	D62LB-5-80 51550	(3771421180)	6.25	4.75	80.00
1					
Hoist Lift / Tilt Dump;; 80,000# OEM Ref P.N.'s; 1148237, 9070.654697, 9180.65469	D72LB-9-80	3772521122)	7.25	4.75	80.00
		3772521122 3790006071	3.50	2.50	80.00



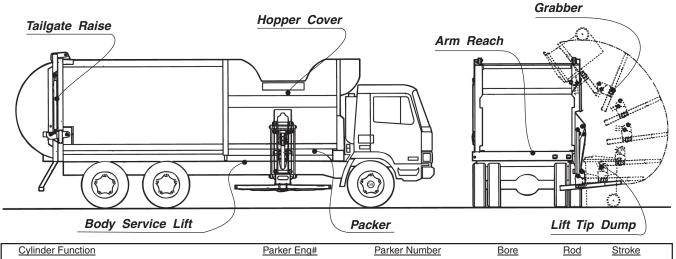
Wittke Starlight Front Loader



Cylinder Function	Parker Eng#	Parker Number	Bore	Rod	Stroke
Arm / Lift, 4.00" Bore OEM Ref P.N.'s; FLHC-26B	D40LD-13-45.38	3776821120	4.00	2.00	45.38
Arm / Lift, 4.50" Bore OEM Ref P.N.'s; FLHC-28C, FLHC-26C, FL7-A110	D45LD-7-45.38	3774121032	4.50	2.00	45.38
Fork / Tilt OEM Ref P.N.'s; FLHC-27	D35LD-5-19	3773821057	3.50	1.75	19.00
Fork / Tilt, New Style OEM Ref P.N.'s; FL7-A066, 014-0208, E0302160	D35CD-11-19	3773821068	3.50	1.75	19.00
Adjustable Fork / Slide Shift OEM Ref P.N.'s; FLHC-37, 008-9818	N/A		2.00	1.00	13.75
Top Door OEM Ref P.N.'s; FLHC-34	D25LL-15-84	3772621133	2.50	1.50	84.00
Tailgate Raise, Standard Profile OEM Ref P.N.'s; FLHC-25	D25LL-14-42	3772621131	2.50	1.75	42.00
Tailgate Raise, Low Profile OEM Ref P.N.'s; FLHC-29, 110121-2	D25LL-9-36	3772621124	2.50	1.75	36.00
Packer Blade, 34 Yd OEM Ref P.N.'s; FL7-A067, FL7-A123	SD53CD-10-134.50	3771933045	Telescopic		134.50
Packer Blade, 36 Yd OEM Ref P.N.'s; FL7-A060, FL7-A124	SD53CD-10-145	3771933046	Telescopic		145.00
Packer Blade, 38 Yd OEM Ref P.N.'s; FLHC-07, FLHC-18, FLHC-30, FL7-A116, FL7-A125	SD53CD-10-156.88	3771933043	Telescopio	:	156.88
Packer Blade, 40 Yd OEM Ref P.N.'s; FLHC-08, FLHC-19, FLHC-31, FL7-A117	SD53CD-10-168.38	3771933042	Telescopio)	168.00
Packer Blade, 44 Yd & 40 Yd Low Profile OEM Ref P.N.'s; FLHC-20, FLHC-32, FL7-A118	SD53CD-10-185.75	3771933055	Telescopio		185.75
Packer Blade, 40 Yd After 2004 OEM Ref P.N.'s; FL7-A106	SD53CD-56-168.31	3771933050	Telescopio)	168.31
Packer Blade, 44 Yd & 40 Yd Low Profile After 2004 OEM Ref P.N.'s; FL7-A107	SD53CD-56-182	3771933051	Telescopio)	182.00
Packer Blade, Tip to Dump OEM Ref P.N.'s; FLHC-02, 022-9000	B5545	3790005545	5.50	3.50	61.50
Body Raise Dump, Gravity Dump OEM Ref P.N.'s; FLHC-06, FLHC-36	S53DB-25-72	3771513188	Telescopio	:	72.00
Service Body Lift OEM Ref P.N.'s; 100-10-1801, 100-14-1610, FLHC-42	D30DD-16-16.00	3770521118	3.00	1.25	16.00



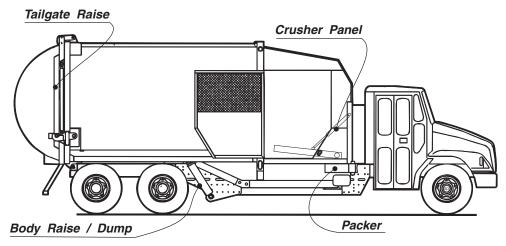
Wittke ASL Automated Side Loader



<u>Cylinder Function</u> Grabber	Parker Eng# D20CC-6-4	Parker Number 3770121131	<u>Bore</u> 2.00	<u>Rod</u> 1.25	Stroke 4.00
OEM Ref P.N.; AUHC-07	N/A				
Grabber, With Cat Control System OEM Ref P.N.; AL7-A019	N/A				
Arm Reach OEM Ref P.N.; AUHC-04	D15DD-3-66	3776921019	1.50	1.00	66.00
Arm Lift, Tip Dump OEM Ref P.N.; AUHC-09	D30DC-2-17.38	3770521097	3.00	1.50	17.38
Arm Lift, Tip Dump, With Cat Control System OEM Ref P.N.; H10-0273, AL7-A017	D30DC-3-17.38	3770521136	3.00	1.50	17.38
Packer / Ejector, 36 Yard OEM Ref P.N.'s; FLHC-20, FLHC-32, FL7-A118	SD53CD-10-185.75	3771933055	Telescopio)	185.75
Packer / Ejector, 32 Yard OEM Ref P.N.'s; FLHC-08, FLHC-19, FLHC-31, FL7-A117	SD53CD-10-168.38	3771933042	Telescopio	;	168.00
Packer / Ejector, 26 Yard OEM Ref P.N.'s; FLHC-07, FLHC-18, FLHC-30, FL7-A116, FL7-A125	SD53CD-10-156.88	3771933043	Telescopic		156.00
Packer Blade, Tip to Dump OEM Ref P.N.; AUHC-08	D50CC-21-18.50	3777921063	5.00	3.50	18.50
Body Raise Dump, Gravity Dump OEM Ref P.N.'s; FLHC-06, FLHC-36, 095-1053	S53DB-25-72	3771513188	Telescopio	;	72.00
Hopper Cover OEM Ref P.N.; AUHC-06	D20DD-7-12.00	3770121137	2.50	1.25	20.00
Tailgate Raise, Standard Profile OEM Ref P.N.'s; FLHC-25, 010-9901	D25LL-14-42	3772621131	2.50	1.75	42.00
Tailgate Raise, Low Profile OEM Ref P.N.'s; FLHC-29	D25LL-9-36	3772621124	2.50	1.75	36.00
Body Service Lift OEM Ref P.N.'s; 100-14-1610	D30DD-16-16.00	3770521118	3.00	1.25	16.00
Side Latch, Air Cylinder OEM Ref P.N; AL4-A020	N/A				



Wittke Express Manual Side Loader



Cylinder Function Packer OEM Ref P.N.'s; 020-9900, MLHC-02	Parker Eng# D50DD-25-40	Parker Number 3777921079	<u>Bore</u> 5.00	<u>Rod</u> 3.00	Stroke 40.00
Crusher Panel OEM Ref P.N.; 012-9501, 012-9900, MLHC-01	N/A		3.00	1.50	18.00
Tailgate Raise, Standard Profile OEM Ref P.N.'s; FLHC-25, 010-9901	D25LL-14-42	3772621131	2.50	1.75	42.00
Tailgate Raise, Low Profile OEM Ref P.N.'s; FLHC-29, 010-9900, 110121-2	D25LL-9-36	3772621124	2.50	1.75	36.00
Body Raise / Dump OEM Ref P.N.'s; FLHC-06, FLHC-36, 095-1053,	S53DB-25-72	3771513188	Telescopic		72.00



STORAGE

It pays to keep spare hydraulic cylinders on hand for use when you need them. But, you must know and follow these recommended storage practices or the cylinders can be ruined. Hydraulic cylinders, though often large and unwieldy, are precision machines with finely finished parts and close tolerances. And they're expensive. So handle them with care.

For optimum storage life, hydraulic cylinders should be kept in an environment that is protected from excessive moisture and temperature extremes. A hot, dry dessert climate with cold nights, for example, must be accommodated when choosing the storage area. Daytime heat quickly bakes oil out of sealing materials, which causes leaks and rapid wear when the cylinder is placed in service. Cooling at night causes water condensation and corrosion damage to wear surfaces. Storage areas that allow exposure to rain, snow and extreme cold must like wise be avoided.

It's best to store cylinders indoors if possible. But indoors or out, be sure that plugs or closures are properly installed in all ports to keep out moisture and dirt. However, overtightening of port plugs should be avoided. Widely varying temperatures and tightly closed ports may cause pressure inside the cylinder to build up to the point where the piston moves far enough to expose the rod to corrosion or contamination. Try to choose a storage location where the cylinders are protected from physical damage. Even a little ding from a falling bar or forklift tine can cause trouble later.

Cylinders, Particularly large ones, should be stored closed in a vertical position with the rod end down. Be sure they're blocked securely to keep them from toppling. Storing with the rod ends down keeps oil on the seals, which protects them from drying out. This is more critical with fabric and butyl seals than with urethane sealing materials. Storing single-acting cylinders with the rod end up can cause port closures to pop open and leak, exposing the sleeves to corrosion damage and contamination. Storing with the rod end down also discourages the temptation to lift a cylinder by the rod eye – a dangerous practice. If horizontal storage cannot be avoided, the rod or cylinder should be rolled into a new position every two months or so to prevent drying, distortion and deterioration of the seals. Don't forget that a cylinder can be a major source of contamination. A small scratch or nick on the sleeve will quickly shred packing and contaminate the system. Store cylinders carefully and keep them clean.

The following procedures should be followed in order to prevent oxidation and maintain the surfaces of a mounted hydraulic cylinder during idle periods. These idle periods may include; inventory units, demo units, out of service units, etc.

- · All machined surfaces left expose should be coated with a light film of grease, if not oxidation will occur.
- · If oxidation is present, apply a light coat of oil to the surfaces.
- \cdot Buff surfaces with 320 or 400 grit sandpaper. Do not buff surfaces up and down the length, buff only around the circumference.
- · If after buffing, the surfaces show evidence of oxidation damage i.e., pitting, the cylinder should be inspected by an authorized service center for evaluation.
- · Operation of a hydraulic cylinder with surface damage will shorten the longevity and preclude any warranty express or implied.

INSTALLATION

- ·Cleanliness is an important consideration, and Parker cylinders are shipped with the ports plugged to protect them from contaminants entering the ports. These plugs should not be removed until the piping is to be installed. Before making the connection to the cylinder ports, the piping should be thoroughly cleaned to remove all chips or burrs which might have resulted from threading or flaring operations. One small foreign particle can cause premature failure of the cylinder or other hydraulic system components. If oxidation is present, apply a light coat of oil to the surfaces.
- · Proper alignment of the cylinder piston rod and its mating component on the machine should be checked in both the extended and retracted positions. Improper alignment will result in excessive rod gland and/or cylinder bore wear
- · Cylinders operating in an environment where air drying material are present such as fast- drying chemicals, paint, or welding splatter, or other hazardous conditions such as excessive heat, should have shields installed to prevent damage to the piston rod and piston rod seals.



Parker Safety Guide for Selecting and Using Hydraulic Cylinders and Their Accessories

WARNING: _____ FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF CYLINDERS AND THEIR RELATED ACCESSORIES CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

Before selecting or using Parker cylinders or related accessories, it is important that you read, understand and follow the following safety information.

User Responsibility

Due to very wide variety of cylinder applications and cylinder operating conditions, Parker does not warrant that any particular cylinder is suitable for any specific application. This safety guide does not analyze all technical parameters that must be considered in selecting a product. The hydraulic and pneumatic cylinders outlined in this catalog are designed to Parker's design guide lines and do not necessarily meet the design guide lines of other agencies such as American Bureau of Shipping, ASME Pressure Vessel Code etc. The user, through its own analysis and testing, is solely responsible for:

- Making the final selection of the cylinders and related accessories.
- Determining if the cylinders are required to meet specific design requirements as required by the Agency(s) or industry standards covering the design of the user's equipment.
- Assuring that the user's requirements are met, OSHA requirements are met, and safety guidelines from the applicable agencies such as but not limited to ANSI are followed and that the use presents no health or safety hazards.
- Providing all appropriate health and safety warnings on the equipment on which the cylinders are used.

Seals

The seals for the product lines shown in this catalogue are intended for mineral base hydraulic fluids and for the operating temperatures ranges as indicated. The operation of these products with other fluids or at other operating temperatures must be brought to the attention of our engineering department so that proper seals for intended operation may be selected.

The application of cylinders may allow fluids such as cutting fluids, wash down fluids etc. to come in contact with the external area of the cylinder. These fluids may attack the piston rod wiper and or the primary seal and must be taken into account when selecting and specifying seal compounds.

Dynamic seals will wear. The rate of wear will depend on many operating factors. Wear can be rapid if a cylinder is mis-aligned or if the cylinder has been improperly serviced. The user must take seal wear into consideration in the application of cylinders.

Piston Rods

Possible consequences of piston rod failure or separation of the piston rod from the piston include, but are not limited to are:

- Piston rod and or attached load thrown off at high speed.
- · High velocity fluid discharge.
- Piston rod extending when pressure is applied in the piston retract mode.

Piston rods or machine members attached to the piston rod may move suddenly and without warning as a consequence of other conditions occurring to the machine such as, but not limited to:

- Unexpected detachment of the machine member from the piston rod.
- Failure of the pressurized fluid delivery system (hoses, fittings, valves, pumps, compressors) which maintain cylinder position.
- Catastrophic cylinder seal failure leading to sudden loss of pressurized fluid.
- Failure of the machine control system.

Part of selecting cylinders for a specific operation involves the proper selection of the piston rod diameter. This catalogue contains information in the selection of piston rod diameter, which must be followed in order to avoid possible buckling.

Piston rods are not normally designed to absorb bending moments or loads which are perpendicular to the axis of piston rod motion. These additional loads can cause the piston rod to fail. If these types of additional loads are expected to be imposed on the piston rod, their magnitude should be made known to our engineering department.

The cylinder user should always make sure that the piston rod is securely attached to the machine member.

Cushions

Cushions are devices internal to the cylinder to slow the piston and rod assembly down at the end of the stroke. It is suggested they be used to reduce piston impact at the end of the cylinder stroke when the cylinder is expected to move at relatively high velocity.

Cylinder cushions are normally designed to absorb the energy of a linear applied load. A rotating mass has considerably more energy than the same mass moving in a linear mode. Cushioning for a rotating mass application should be review by our engineering department.

Cylinder Mountings

Some cylinder mounting configurations may have certain limitations such as but not limited to minimum stroke for side or foot mounting cylinders or pressure de-ratings for certain flange mounts. Carefully review the catalog for these types of restrictions.

Always mount cylinders using the largest possible high tensile alloy steel socket head cap screws that can fit in the cylinder mounting holes and torque them to the manufacturer's recommendations for their size.

Port Fittings

Hydraulic cylinders applied with meter out or deceleration circuits are subject to intensified pressure at piston rod end.

The rod end pressure is approximately equal to:

operating pressure x effective cap end area

effective rod end piston area

Contact your connector supplier for the pressure rating of individual connectors.

Cylinder Modifications or Repairs

Cylinders as shipped from the factory are not to be disassembled and or modified. If cylinders require modifications, these modifications must be done at Parker locations or by Parker certified facilities. The Mobile Cylinder Division Engineering Department must be notified in the event of a mechanical fracture or permanent deformation of any cylinder component (excluding seals). This includes a broken piston rod, mounting accessory or any other cylinder component. This information should include all operation and application details. This information will be used to provide an engineered repair that will prevent recurrence of the failure. It is allowed to disassemble cylinders for the purpose of replacing seals or seal assemblies.



Offer of Sale

The items described in this document and other documents and descriptions provided by Parker Hannifin Corporation, its subsidiaries and its authorized distributors ("Seller") are hereby offered for sale at prices to be established by Seller. This offer and its acceptance by any customer ("Buyer") shall be governed by all of the following Terms and Conditions. Buyer's order for any item described in its document, when communicated to Seller verbally, or in writing, shall constitute acceptance of this offer. All goods or work described will be referred to as "Products".

- Terms and Conditions. Seller's willingness to offer Products, or accept an order for Products, to or from Buyer is expressly conditioned on Buyer's assent to these Terms and Conditions and to the terms and conditions found on-line at www.parker. com/saleterms/. Seller objects to any contrary or additional term or condition of Buyer's order or any other document issued by Buyer.
- 2. Price Adjustments; Payments. Prices stated on the reverse side or preceding pages of this document are valid for 30 days. After 30 days, Seller may change prices to reflect any increase in its costs resulting from state, federal or local legislation, price increases from its suppliers, or any change in the rate, charge, or classification of any carrier. The prices stated on the reverse or preceding pages of this document do not include any sales, use, or other taxes unless so stated specifically. Unless otherwise specified by Seller, all prices are F.O.B. Seller's facility, and payment is due 30 days from the date of invoice. After 30 days, Buyer shall pay interest on any unpaid invoices at the rate of 1.5% per month or the maximum allowable rate under applicable law.
- 3. <u>Delivery Dates: Title and Risk; Shipment</u>. All delivery dates are approximate and Seller shall not be responsible for any damages resulting from any delay. Regardless of the manner of shipment, title to any products and risk of loss or damage shall pass to Buyer upon tender to the carrier at Seller's facility (*i.e.*, when it's on the truck, it's yours). Unless otherwise stated, Seller may exercise its judgment in choosing the carrier and means of delivery. No deferment of shipment at Buyers' request beyond the respective dates indicated will be made except on terms that will indemnify, defend and hold Seller harmless against all loss and additional expense. Buyer shall be responsible for any additional shipping charges incurred by Seller due to Buyer's changes in shipping, product specifications or in accordance with Section 13, herein.

 4. <u>Warranty</u>. Seller warrants that the Products sold hereunder shall be free from de-
- fects in material or workmanship for a period of eighteen months from the date of delivery to Buyer. The prices charged for Seller's products are based upon the exclusive limited warranty stated above, and upon the following disclaimer: DISCLAIMER OF WARRANTY: THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO PRODUCTS PROVIDED HEREUNDER. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS AND IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
- 5. Claims; Commencement of Actions. Buyer shall promptly inspect all Products upon delivery. No claims for shortages will be allowed unless reported to the Seller within 10 days of delivery. No other claims against Seller will be allowed unless asserted in writing within 60 days after delivery or, in the case of an alleged breach of warranty, within 30 days after the date within the warranty period on which the defect is or should have been discovered by Buyer. Any action based upon breach of this agreement or upon any other claim arising out of this sale (other than an action by Seller for any amount due to Seller from Buyer) must be commenced within thirteen months from the date of tender of delivery by Seller or, for a cause of action based upon an alleged breach of warranty, within thirteen months from the date within the warranty period on which the defect is or should have been discovered by Buyer. 6. LIMITATION OF LIABILITY. UPON NOTIFICATION, SELLER WILL, AT ITS OPTION, REPAIR OR REPLACE A DEFECTIVE PRODUCT, OR REFUND THE PUR-CHASE PRICE. IN NO EVENT SHALL SELLER BE LIABLE TO BUYER FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR AS THE RESULT OF, THE SALE, DELIVERY, NON-DELIVERY, SER-VICING, USE OR LOSS OF USE OF THE PRODUCTS OR ANY PART THEREOF. OR FOR ANY CHARGES OR EXPENSES OF ANY NATURE INCURRED WITHOUT SELLER'S WRITTEN CONSENT, EVEN IF SELLER HAS BEEN NEGLIGENT, WHETHER IN CONTRACT, TORT OR OTHER LEGAL THEORY. IN NO EVENT SHALL SELLER'S LIABILITY UNDER ANY CLAIM MADE BY BUYER EXCEED THE PURCHASE PRICE OF THE PRODUCTS.
- 7. Contingencies. Seller shall not be liable for any default or delay in performance if caused by circumstances beyond the reasonable control of Seller.
- 8. <u>User Responsibility</u>. The user, through its own analysis and testing, is solely responsible for making the final selection of the system and Product and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application and follow applicable industry standards and Product information. If Seller provides Product or system options, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the Products or systems.
- 9. Loss to Buyer's Property. Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, may be considered obsolete and may be destroyed by Seller after two consecutive years have elapsed without Buyer placing an order for the items which are manufactured using such property. Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.
- 10. Special Tooling. A tooling charge may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture Products. Such special tooling shall be and remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the Products, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed, Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

- 11. <u>Buyer's Obligation; Rights of Seller</u>. To secure payment of all sums due or otherwise, Seller shall retain a security interest in the goods delivered and this agreement shall be deemed a Security Agreement under the Uniform Commercial Code. Buyer authorizes Seller as its attorney to execute and file on Buyer's behalf all documents Seller deems necessary to perfect its security interest. Seller shall have a security interest in, and lien upon, any property of Buyer in Seller's possession as security for the payment of any amounts owed to Seller by Buyer.
- 12. Improper use and Indemnity. Buyer shall indemnify, defend, and hold Seller harmless from any claim, liability, damages, lawsuits, and costs (including attorney fees), whether for personal injury, property damage, patent, trademark or copyright infringement or any other claim, brought by or incurred by Buyer, Buyer's employees, or any other person, arising out of: (a) improper selection, improper application or other misuse of Products purchased by Buyer from Seller; (b) any act or omission, negligent or otherwise, of Buyer; (c) Seller's use of patterns, plans, drawings, or specifications furnished by Buyer to manufacture Product; or (d) Buyer's failure to comply with these terms and conditions. Seller shall not indemnify Buyer under any circumstance except as otherwise provided.
- 13. Cancellations and Changes. Orders shall not be subject to cancellation or change by Buyer for any reason, except with Seller's written consent and upon terms that will indemnify, defend and hold Seller harmless against all direct, incidental and consequential loss or damage. Seller may change product features, specifications, designs and availability with notice to Buyer.
- 14. <u>Limitation on Assignment</u>. Buyer may not assign its rights or obligations under this agreement without the prior written consent of Seller.
- 15. Entire Agreement. This agreement contains the entire agreement between the Buyer and Seller and constitutes the final, complete and exclusive expression of the terms of the agreement. All prior or contemporaneous written or oral agreements or negotiations with respect to the subject matter are herein merged.
- 16. <u>Waiver and Severability</u>. Failure to enforce any provision of this agreement will not waive that provision nor will any such failure prejudice Seller's right to enforce that provision in the future. Invalidation of any provision of this agreement by legislation or other rule of law shall not invalidate any other provision herein. The remaining provisions of this agreement will remain in full force and effect.
- 17. <u>Termination.</u> This agreement may be terminated by Seller for any reason and at any time by giving Buyer thirty (30) days written notice of termination. In addition, Seller may by written notice immediately terminate this agreement for the following: (a) Buyer commits a breach of any provision of this agreement (b) the appointment of a trustee, receiver or custodian for all or any part of Buyer's property (c) the filing of a petition for relief in bankruptcy of the other Party on its own behalf, or by a third party (d) an assignment for the benefit of creditors, or (e) the dissolution or liquidation of the Buyer.
- 18. Governing Law. This agreement and the sale and delivery of all Products hereunder shall be deemed to have taken place in and shall be governed and construed in accordance with the laws of the State of Ohio, as applicable to contracts executed and wholly performed therein and without regard to conflicts of laws principles. Buyer irrevocably agrees and consents to the exclusive jurisdiction and venue of the courts of Cuyahoga County, Ohio with respect to any dispute, controversy or claim arising out of or relating to this agreement. Disputes between the parties shall not be settled by arbitration unless, after a dispute has arisen, both parties expressly agree in writing to arbitrate the dispute.
- 19. Indemnity for Infringement of Intellectual Property Rights. Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in this Section. Seller will defend and indemnify Buyer against allegations of infringement of U.S. patents, U.S. trademarks, copyrights, trade dress and trade secrets ("Intellectual Property Rights"). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that a Product sold pursuant to this Agreement infringes the Intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringement, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If a Product is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure for Buyer the right to continue using the Product, replace or modify the Product so as to make it noninfringing, or offer to accept return of the Product and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringement based on information provided by Buyer, or directed to Products delivered hereunder for which the designs are specified in whole or part by Buyer, or infringements resulting from the modification, combination or use in a system of any Product sold hereunder. The foregoing provisions of this Section shall constitute Seller's sole and exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.
- 20. <u>Taxes</u>. Unless otherwise indicated, all prices and charges are exclusive of excise, sales, use, property, occupational or like taxes which may be imposed by any taxing authority upon the manufacture, sale or delivery of Products.
- 21. Equal Opportunity Clause. For the performance of government contracts and where dollar value of the Products exceed \$10,000, the equal employment opportunity clauses in Executive Order 11246, VEVRAA, and 41 C.F.R. §§ 60-1.4(a), 60-741.5(a), and 60-250.4, are hereby incorporated.





Catalog HY18-0020/US Rev D 2M, 04/11



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