



# ***Power Take-Offs and Accessories for Truck Applications***



***Your Resource for Hydraulic  
Components and System Solutions***





# An efficient solution for almost any truck



Parker has been a leading manufacturer and innovator in the field of mobile hydraulics for decades, with a long succession of class-leading products, backed up by equally impressive world-wide support. We know what you need, and we aim to provide the trucking industry with cost-efficient, durable solutions, engineered for a long, trouble-free service life.



To that effect, we now offer a wide range of engine and gear box mounted power take-offs, splitter boxes and tipper valves, custom designed to fit a large majority of the vehicles on the roads of Europe. In this catalogue you will find a selection, but there are many other versions available. All units are also available for prop shaft drive.





Also, whenever a new truck engine or gearbox is launched by a major manufacturer, you can rest assured that our engineers very soon will have a thoroughly tested, well-engineered custom power take-off available.

All models provide simple installation, reliable operation and low life cycle cost, and you will have no trouble finding a ratio or output capacity to suit your application. Together with a complete array of hydraulic pumps, hoses, fittings and connectors and auxiliary equipment, all your auxiliary power equipment system components are available from Parker.



*Note: You need to know your gearbox ratio to calculate the actual resulting ratio between pump and engine rpm. Ratios listed in this catalogue are internal PTO ratios, unless otherwise noted.*

-  = Rear mount
-  = Side mount

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### ***PTO for Eaton Twin Splitter***

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.02
Pump rotation	L
Part number	0013121903



### ***PTO for Eaton 4106/5206***

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.32
Pump rotation	R
Part number	0050123503



### ***PTO for Eaton 4106/5206***

Power, kW (1000 r/min)	27
Max continuous output torque, Nm	250
Internal Ratio	1:1:70
Pump rotation	R
Part number	00501210103



### ***PTO for Eaton 6109/8309***

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.35
Pump rotation	R
Part number	0013126503



### ***PTO for Eaton 6109/8309, Heavy Duty***

Power, kW (1000 r/min)	39
Max continuous output torque, Nm	350
Internal Ratio	1:1.30
Pump rotation	R
Part number	0013129503

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## PTO for Eaton 6109/8309



Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.32
Pump rotation	R
Part number	00501210903



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## PTO for Iveco 5S-200



Power, kW (1000 r/min)	13
Max continuous output torque, Nm	120
Internal Ratio	1:1.72
Pump rotation	L
Part number	0050066903

Requires pneumatic compressor, part no. 908099(12V)/909499(24V), see p. 15



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## PTO for Iveco 2845.6, 2855.6



Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.35
Pump rotation	R
Part number	0013062203



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## PTO for Iveco 2845.6, 2855.6



Power, kW (1000 r/min)	37
Max continuous output torque, Nm	350
Internal Ratio	1:1.56
Pump rotation	L
Part number	0013061503



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## PTO for Iveco 2865.6



Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.35
Pump rotation	R
Part number	0013062303







### **PTO for Iveco 2865.6**

Power, kW (1000 r/min)	37
Max continuous output torque, Nm	350
Internal Ratio	1:1.77
Pump rotation	L
Part number	0013062003



### **PTO for Iveco 2895.9**

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.35
Pump rotation	R
Part number	0013064503



### **PTO for Iveco 2895.9 Heavy Duty**

Power, kW (1000 r/min)	39
Max continuous output torque, Nm	350
Internal Ratio	1:1.30
Pump rotation	R
Part number	0013065903



### **PTO for Iveco 28026**

Power, kW (1000 r/min)	16
Max continuous output torque, Nm	140
Overall Ratio	1:1.18
Pump rotation	R
Part number	0050067003

*Requires pneumatic compressor, part no. 908099(12V)/909499(24V), see p. 15*



### **PTO for Iveco 2838.5**

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Overall Ratio	1:0.85
Pump rotation	L
Part number	0013065103

## PTO for Isuzu MZZ6F



Power, kW (1000 r/min)	21
Max continuous output torque, Nm	200
Internal Ratio	1:0.94
Pump rotation	L
Part number	0050195003

Requires pneumatic compressor, part no. 908099(12V)/909499(24V), see p. 15



## Engine adapter for MAN

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Overall Ratio	1:1.35
Pump rotation	R
Part number	0050081703



## PTO for Mercedes G28, G32



Power, kW (1000 r/min)	16
Max continuous output torque, Nm	150
Internal Ratio	1:1
Pump rotation	R
Part number	0013075303



## PTO for Mercedes G60, G85



Power, kW (1000 r/min)	27
Max continuous output torque, Nm	250
Internal Ratio	1:1.70
Pump rotation	R
Part number	00500711603



## PTO for Mercedes G100



Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.32
Pump rotation	R
Part number	0013078203





### ***PTO for Mercedes G100***

Power, kW (1000 r/min)	27
Max continuous output torque, Nm	250
Internal Ratio	1:1.70
Pump rotation	R
Part number	00500711203



### ***PTO for Mercedes G131.9***

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.32
Pump rotation	R
Part number	00500716203



### ***PTO for Mercedes G210/240/260***

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.32
Pump rotation	R
Part number	00500713303



### ***PTO for Mercedes G210/240/260***

Power, kW (1000 r/min)	27
Max continuous output torque, Nm	250
Internal Ratio	1:1.70
Pump rotation	R
Part number	00500713503



### ***Engine adapter for Mercedes V8***

Power, kW (1000 r/min)	43
Max continuous output torque, Nm	390
Overall Ratio	1:1.07
Pump rotation	R
Part number	0050700704

## Engine adapter for Mercedes V12

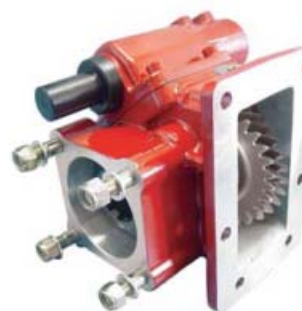
Power, kW (1000 r/min)	52
Max continuous output torque, Nm	500
Overall Ratio	1:1.26
Pump rotation	R
Part number	0013706404



## PTO for Mitsubishi M035 S5

Power, kW (1000 r/min)	16
Max continuous output torque, Nm	150
Internal Ratio	1:0.51
Pump rotation	R
Part number	0050174703

Requires pneumatic compressor, part no. 908099(12V)/909499(24V), see p. 15



## Double PTO for Scania GRS 900

Power, kW (1000 r/min)	Upper 42/Lower 37
Max cont. output torque, Nm	Upper 400/Lower 350
Internal Ratio	Upper H 1:1.45, L 1:1.20 Lower H 1:1.79, L 1:1.48
Pump rotation	L
Part number	0013092853



## PTO for Scania GR 801 Heavy Duty

Power, kW (1000 r/min)	43
Max continuous output torque, Nm	400
Internal Ratio	1:1.24
Pump rotation	L
Part number	3797774



## PTO for Scania GR 900 Heavy Duty

Power, kW (1000 r/min)	43
Max continuous output torque, Nm	400
Internal Ratio	1:1
Pump rotation	L
Part number	3796477







## ***PTO for Scania GRS 900 Heavy Duty***



Power, kW (1000 r/min)	43
Max continuous output torque, Nm	400
Internal Ratio	1:1.19
Pump rotation	L
Part number	3795636

## ***Engine adapter for Scania ED 90***



Max continuous output torque, Nm	360
Overall Ratio	1:0.975
Pump rotation	R
Part number	3791729

## ***Engine adapter for Scania ED 120***



Max continuous output torque, Nm	600
Overall Ratio	1:1.19
Pump rotation	R
Part number	3783080

## ***Engine adapter for Scania ED 160***



Max continuous output torque, Nm	600
Overall Ratio	1:1.19
Pump rotation	L
Part number	3782001

## ***PTO adapter for Unimog***



Max continuous output torque, Nm	400
Overall Ratio	1:1/1:1.36
Pump rotation	R/L
Part number	3705750

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## Double PTO for Volvo R 1000 Series



Power, kW (1000 r/min)	Rear 43, front 32
Max cont. output torque, Nm	Rear 400, front 300
Internal Ratio	1:1.76
Pump rotation	Rear L, front R
Part number	0050115053

*Other versions available on request – please contact us.*



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## PTO for Volvo R 1000 Series, forward facing



Power, kW (1000 r/min)	43
Max continuous output torque, Nm	400
Internal Ratio	1:1.76
Pump rotation	R
Part number	0050114903

*Other versions available on request – please contact us.*



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## PTO for Volvo R 1000 Series



Power, kW (1000 r/min)	47
Max continuous output torque, Nm	440
Internal Ratio	1:1
Pump rotation	L
Part number	3794646



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## PTO for Volvo R 1000 Series



Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.32
Pump rotation	R
Part number	0050113503



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## PTO for Volvo R 1000 Series



Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.59
Pump rotation	R
Part number	3792887





### **PTO for Volvo R 1000 Series**

Power, kW (1000 r/min)	43
Max continuous output torque, Nm	400
Internal Ratio	1:1.62
Pump rotation	R
Part number	0013111703



### **PTO for ZF S5-42 (4.65)**

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.67
Pump rotation	L
Part number	0013109203



### **PTO for ZF S5/42 (5.72)**

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.20
Pump rotation	L
Part number, left side mount (shown)	0013106503
Part number, right side mount	0013003326



### **PTO for ZF S6 300**

Power, kW (1000 r/min)	19
Max continuous output torque, Nm	180
Internal Ratio	1:1.76
Pump rotation	L
Part number	00501015503



### **PTO for ZF S6-36, 6S 850 Heavy Duty**

Power, kW (1000 r/min)	39
Max continuous output torque, Nm	350
Internal Ratio	1:1.30
Pump rotation	R
Part number	00501016103



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## **PTO for ZF S6-36, 6S 850**

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.32
Pump rotation	R
Part number	0050109903



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## **PTO for ZF S6-36, 6S 850**

Power, kW (1000 r/min)	27
Max continuous output torque, Nm	250
Internal Ratio	1:1.70
Pump rotation	R
Part number	00501016403



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## **PTO for ZF S5-90, S6-90**

Power, kW (1000 r/min)	63
Max continuous output torque, Nm	600
Internal Ratio	1:1
Pump rotation	L
Part number	3705909



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## **PTO for ZF S5-90, S6-90 Heavy Duty**

Power, kW (1000 r/min)	39
Max continuous output torque, Nm	350
Internal Ratio	1:1.30
Pump rotation	R
Part number	00501015803



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## **PTO for ZF S5-90, S6-90**

Power, kW (1000 r/min)	32
Max continuous output torque, Nm	300
Internal Ratio	1:1.32
Pump rotation	R
Part number	00501010003





### **PTO for ZF S5-90, S6-90**

Power, kW (1000 r/min)	27
Max continuous output torque, Nm	250
Internal Ratio	1:1.70
Pump rotation	R
Part number	00501016503



### **Trac-Power PTO**

Power, kW (1000 r/min)	82
Max continuous output torque, Nm	800
Internal Ratio	1:2.50
Pump rotation	L
Part number	0013606699

*Other versions available on request – please contact us.*



### **Spacer adapter 85 mm**

Max continuous output, kW	See PTO
Max continuous output torque, Nm	See PTO
Part number	0050703104



### **Spacer adapter 125 mm**

Max continuous output, kW	See PTO
Max continuous output torque, Nm	See PTO
Part number	0050703304

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## **Splitter Box SB 118**

Max. continuous output, kW	80
Max. continuous input torque, Nm	700
Max. peak input torque, Nm	1000
Ratio	1:1.18
Pump rotation	L/R
Part number	3794981



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## **Splitter Box SB 154**

Max. continuous output, kW	80
Max. continuous input torque, Nm	700
Max. peak input torque, Nm	1000
Ratio	1:1.54
Pump rotation	L/R
Part number	3705100



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## **Splitter Box SB 154 Disengageable**

Max. continuous output, kW	80
Max. continuous input torque, Nm	700
Max. peak input torque, Nm	1000
Ratio	1: 1.54
Pump rotation	L/R
Part number	00506010599



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## **Tipping Valve BZDP 070**

Flow, l/min	70
Max. pressure, bar	350
Thread	3/4" BSP
Part number	00509027290





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## **Tipping Valve BZDP 120**



Flow, l/min	120
Max. pressure, bar	400
Thread	3/4" BSP
Part number	00509024390

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## **Tipping Valve BZDP 180-1P**



Flow, l/min.	180
Max. pressure, bar	400
Thread	1" BSP
Part number	00509028990

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## **12/24 V Compressor**



Max. pressure	8 bar
0–6 bar at V = 1 litre	40 sec
Temperature range	-30/+80 °C
Part number, 24 V	0050908099
Part number, 12 V	0050909499

# Parker – Providing the Industry with Complete System Solutions



## Parker's System Development Process

The System Development Process is a joint effort between Parker and the customer, designed to maximize the results of a systems evolution. It begins with communications and scope planning. The next step is baseline testing and benchmarking, to establish goals and objectives. The rationalization process calls upon brainstorming the technical strategy. The optimization process quantifies the customer's desired gains and allows for refinement. Validation is completed before production release.

## Dedication to Mobile Hydraulics

The Mobile Systems Division of Parker is dedicated to the development of mobile hydraulic systems and solutions. Located in Borås, MSD was designed to provide a centralized location for engineering, product development, systems testing and complete

customer training and technical support. Parker's multi-bay facilities provide opportunities to evaluate, redesign and refit any piece of mobile equipment with the latest hydraulics technology. Shop and field-testing are also part of our capabilities.

## The Scope of Parker

Parker Hannifin is a leading global motion-control company, dedicated to delivering **Premier Customer Service**. Parker is the only manufacturer to offer its customers a choice of hydraulic, pneumatic and electro-mechanical motion-control solutions. Our company has the largest distribution network in its field, with over 8,300 distributors serving approximately 400,000 customers world-wide, providing the

most complete product offering in the Refuse Industry today.

## All from One Supplier

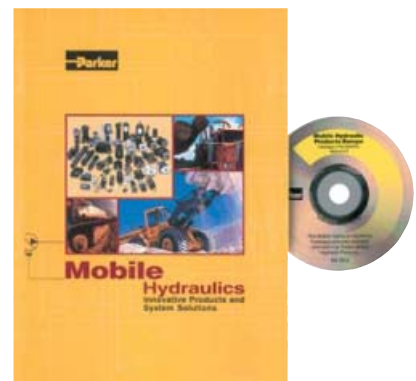
The Parker range of products and system solutions is constantly expanding and evolving, reaching ever higher levels of performance, functionality, reliability and durability. We are always striving to develop the real life performance of our components even further, to meet and exceed future demands, always backing them up with extensive training and field technical support around the clock, world-wide. This is just one of many ways in which we show our commitment to a truly Premier Customer Service, and this is why Parker is the only supplier you need when it comes to motion-control technology for the refuse industry.

## We're Where You Are... Worldwide!

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In Europe, call 00800-27 27 53 74  
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