

Sales Offices

AE – United Arab Emirates,
Abu Dhabi
Tel: +971 2 67 88 587

AR – Argentina, Buenos Aires
Tel: +54 3327 44 4129

AT – Austria, Wiener Neustadt
Tel: +43 (0)2622 23501-0

AT – Austria, Wiener Neustadt
(Eastern Europe)
Tel: +43 (0)2622 23501 970

AU – Australia, Castle Hill
Tel: +61 (0)2-9634 7777

AZ – Azerbaijan, Baku
Tel: +61 (0)2-9634 7777

BE – Belgium, Nivelles
Tel: +32 (0)67 280 900

BR – Brazil, Cachoeirinha RS
Tel: +55 51 3470 9144

BY – Belarus, Minsk
Tel: +375 17 209 9399

CA – Canada, Milton, Ontario
Tel: +1 905 693 3000

CH – Switzerland
See Germany

CN – China, Shanghai
Tel: +86 21 5031 2525

CN – China, Beijing
Tel: +86 10 6561 0520

CZ – Czech Republic, Klecany
Tel: +420 284 083 111

DE – Germany, Kaarst
Tel: +49 (0)2131 4016 0

DK – Denmark, Ballerup
Tel: +45 43 56 04 00

ES – Spain, Madrid
Tel: +34 91 675 73 00

FI – Finland, Vantaa
Tel: +358 20 753 2500

FR – France,
Contamine-sur-Arve
Tel: +33 (0)4 50 25 80 25

GR – Greece, Athens
Tel: +30 210 933 6450

HK – Hong Kong
Tel: +852 2428 8008

HU – Hungary, Budapest
Tel: +36 1 220 4155

IE – Ireland, Dublin
Tel: +353 (0)1 466 6370

IN – India, Mumbai
Tel: +91 22 6513 7081-85

IT – Italy, Corsico (MI)
Tel: +39 02 45 19 21

JP – Japan, Fujisawa
Tel: +(81) 4 6635 3050

KR – South Korea, Seoul
Tel: +82 2 559 0400

KZ – Kazakhstan, Almaty
Tel: +7 3272 505 800

LV – Latvia, Riga
Tel: +371 74 52601

MX – Mexico, Apodaca
Tel: +52 81 8156 6000

MY – Malaysia, Subang Jaya
Tel: +60 3 5638 1476

NL – The Netherlands,
Oldenzaal
Tel: +31 (0)541 585 000

NO – Norway, Ski
Tel: +47 64 91 10 00

NZ – New Zealand, Mt Wellington
Tel: +64 9 574 1744

PL – Poland, Warsaw
Tel: +48 (0)22 573 24 00

PT – Portugal, Leca
da Palmeira
Tel: +351 22 999 7360

RO – Romania, Bucharest
Tel: +40 21 252 1382

RU – Russia, Moscow
Tel: +7 495 645-2156

RU – Russia, Krasnoyarsk
Tel: +7 3912 52 73 35

RU – Russia, Yuzhno-
Sakhalinsk
Tel: +7 4242 42 35 27

RU – Russia, St. Petersburg
Tel: +7 812 320 49 37

SE – Sweden, Spånga
Tel: +46 (0)8 59 79 50 00

SG – Singapore
Tel: +65 6887 6300

SL – Slovenia, Novo Mesto
Tel: +386 7 337 6650

SK – Slovakia
See Czech Republic

TH – Thailand, Bangkok
Tel: +662 717 8140

TR – Turkey, Merter/Istanbul
Tel: +90 212 482 91 06 or 07

TW – Taiwan, Taipei
Tel: +886 2 2298 8987

UA – Ukraine, Kyiv
Tel: +380 44 494 2731

UK – United Kingdom,
Warwick
Tel: +44 (0)1926 317 878

US – USA, Cleveland
(industrial)
Tel: +1 216 896 3000

US – USA, Lincolnshire
(mobile)
Tel: +1 847 821 1500

US – USA, Miami
(Pan American Division)
Tel: +1 305 470 8800

VE – Venezuela, Caracas
Tel: +58 212 238 5422

ZA – South Africa,
Kempton Park
Tel: +27 (0)11 961 0700



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



Gerotor Motors

Heavy duty high torque/low speed
hydraulic motors



Heavy duty motors for heavy duty jobs

Parker – the first choice for low speed high performance

Gerotor motors are ideally suited for tough jobs under tough conditions, offering high starting torque and trouble-free service. And when it comes to gerotor motors, your safest bet is Parker. Years of experience in system design in close cooperation with clients all over the world have resulted in a wide range of high performance gerotor motors to suit any application.

Up to 20 percent more efficient
Unique design features allow the fluid to lubricate and cool all internal rotating parts of the motor, contributing to outstanding efficiency compared to other gerotor motors. Automatic wear compensation and heavy duty bearings make sure that the supreme Parker performance remains throughout the motor's exceptionally long service life.

Parker's gerotor motors are available in 6 series with displacement sizes from 36–1,000 cm³/rev, offering up to more than 2,400 Nm of continuous torque output. Regardless of size, they are compact and easy to install and are built to handle very high shaft loads. Add Parker's system engineering support to all this, and you have a winner in the low speed race!



70 different sizes of Parker gerotor motors means you can always find the right motor for your specific application needs.

Series	Displacement range	Torque range	Max. speed range
TE	36-392 cm ³ /rev	55-435 Nm	191-930 rpm
TF	81-477 cm ³ /rev	215-680 Nm	195-693 rpm
TG	140-958 cm ³ /rev	400-925 Nm	118-660 rpm
BG	140-958 cm ³ /rev	400-925 Nm	118-660 rpm
TH	140-958 cm ³ /rev	400-925 Nm	118-660 rpm
TK	250-1000 cm ³ /rev	814-2413 Nm	218-523 rpm



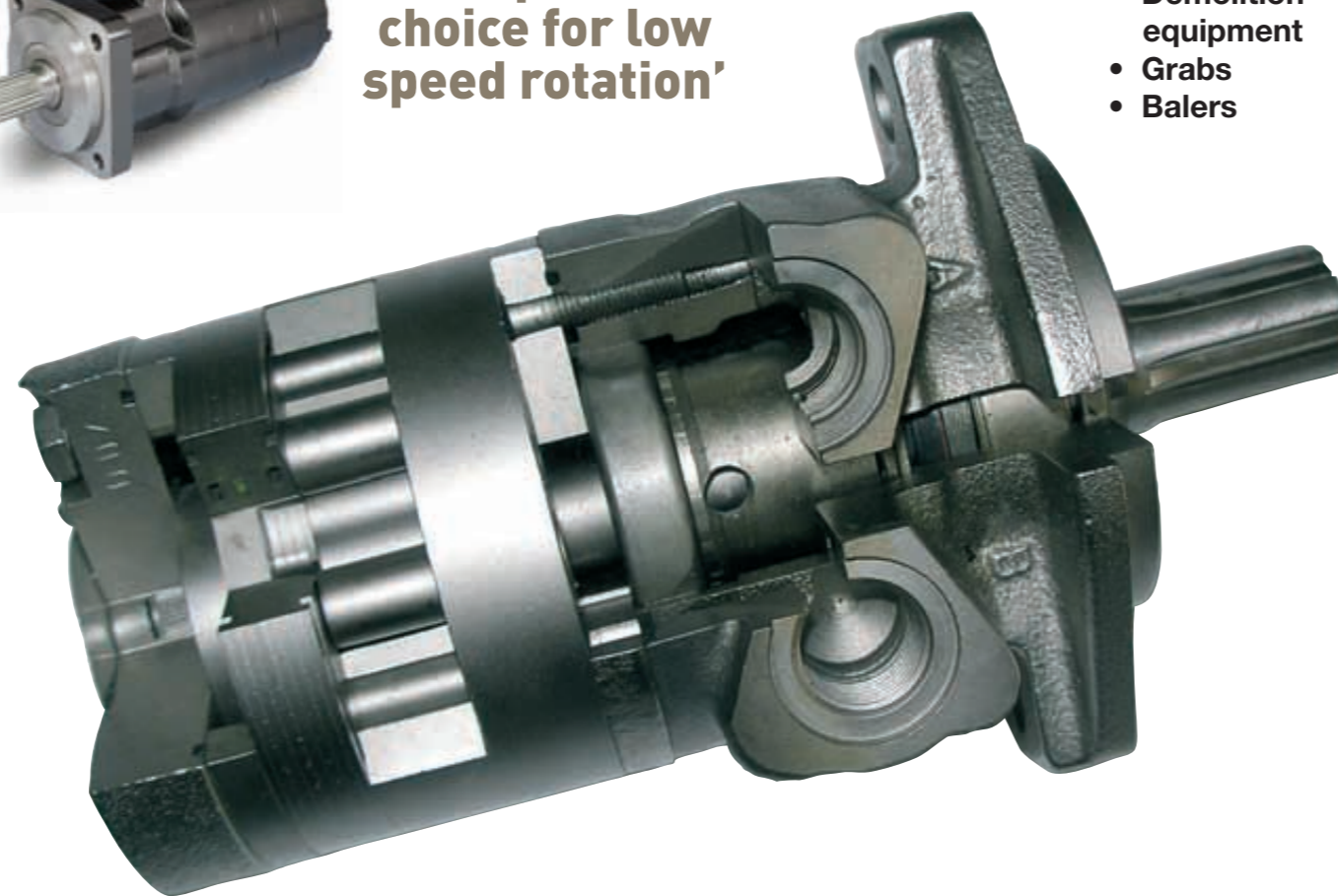
'The perfect choice for low speed rotation'

- Potato harvesters
- Turf machines
- Demolition equipment
- Grabs
- Balers

The roller vane rotor set reduces internal friction and also compensates for wear automatically. This means 100 percent performance levels throughout the motor's service life.

No drain line is required, which simplifies installation greatly.

- Easy to install
- Excellent low speed characteristics
- High efficiency
- High load capacity
- Built-in wear compensation
- Long service life



The hydraulic fluid lubricates and cools all internal rotating parts, adding to the motor's ability to cope with hard work, year after year.

Potato harvesters constantly face demanding conditions – just the sort of conditions that bring out the best in Parker's efficient, reliable gerotor motors.

Typically, gerotor motors can be found in various types of forestry machines, materials handling equipment, turf machines and agricultural machines where reliability, high torque and low speed capability is needed. Parker's compact yet robust gerotor motors with high pressure seals and internal cooling is based on years of experience in demanding mobile applications.

