

AGRICULTURE



CONSTRUCTION



MARINE



INDUSTRIAL



Non - Automotive Engines Business (4HP - 15HP)



GREAVES
SINCE 1859

GREAVES COTTON LIMITED

www.greavescotton.com

GREAVES 
ENGINES



Ranipet (Chennai) Factory

About Greaves Cotton Limited

Diversified Engineering Company | Providers of Mobility Solutions | Manufacturers of Prime Movers

Greaves Cotton Limited is proud to be serving the Indian & global market for 160 years.

We are present in every facet of our consumer's lives, whether it involves;

- Providing last - mile transportation solutions in the rural & urban markets through our engines
- Powering millions of lives with our generator sets
- Easing the lives of our farmers with our agricultural equipment & engines
- Changing the face of the Indian & global infrastructural scenario with our impeccable industrial engines & construction equipment

Our strengths include;

- World - class R&D setup
- Extensive PAN India network of 3500+ sales & service touch - points
- 6 state - of - the - art manufacturing facilities located at Aurangabad, Chennai & Pune

About Non - Automotive Engines Business

Our range of non - automotive engines are fuel efficient, compact and versatile prime movers for various applications across segments like agriculture, construction, marine and other industrial applications.

Our engines, ranging from 4HP to 15HP, come with the below key characteristics;

Diesel engines with air & water cooled options

Reliable, durable & rugged engines

Light-weight, compact & fuel efficient

Customized power take-off arrangement

Easy maintenance through extensive service network



The 500 Series

Single Cylinder | Vertical | Four Stroke | Direct Injection | Air Cooled | Diesel Engine

- Oil bath air filter efficient to work in dusty conditions • Decompression lever for ease of starting
- Standard power take offs: 23 Dia. conical, 28 Dia. conical, 25.4 dia. cylindrical
- Replaceable cast iron cylinder (1530 & 1533 models) • Easy rope starting • Gear pump forced lubrication
- Full flow lubricating oil filter • Magnetic oil drain plug • Mechanical centrifugal governor • Fuel filter
- Automatic extra fuel device for ease of starting • Facility for connecting oil pressure gauge
- Integral flywheel fan for efficient cooling of the engine • Standard rotation is anticlockwise when viewed towards power take off • Aluminium alloy crankcase • Aluminium alloy cylinder head



MODEL	1520		1523		1530		1533	
FUEL	High Speed Diesel		High Speed Diesel		High Speed Diesel		High Speed Diesel	
BORE (mm)	78		78		82		82	
STROKE (mm)	68		68		68		68	
DISPLACEMENT (cc)	325		325		359		359	
RATED RPM	3000	3600	1500	1800	3000	3600	1500	1800
HP (IS:10001 - 1980)	4.4	5	4.4	5	5.5	6	5.5	6
MAX. TORQUE (Nm)	14.51		29.03		16.77		33.55	
SPECIFIC FUEL CONSUMPTION (S.F.C.) (gm/h.p/hr.)	205	220	205	220	205	220	205	220
LUB. OIL CONSUMPTION (gm/hr)	13		13		15		15	
CAPACITY OF OIL SUMP (litres)	1		1		1		1	
DIRECTION OF ROTATION WHEN VIEWED FROM PTO END	Anti-clockwise		Clockwise		Anti-clockwise		Clockwise	
GOVERNOR TYPE	Mechanical		Mechanical		Mechanical		Mechanical	
MUFFLER (SILENCER) TYPE	Reflection Type				Reflection Type			
TYPE OF AIR FILTER	Oil Bath Air Filter				Oil Bath Air Filter			
STARTING	Rope/Electric/Recoil				Rope/Electric/Recoil			
DRY WEIGHT (kg)	43		43		46		46	
DIMENSIONS LxWxH (mm)	313.5x427x476				330.5x427x476			



GL 400

Single Cylinder | Vertical | Four Stroke | Direct Injection | Air Cooled | Diesel Engine

- Cyclonic oil bath air cleaner OR remote mounted dry air cleaner • Decompression lever for ease of starting
- Spin on lub oil filter • Minimum & maximum speed governor • Fuel feed pump • Recirculation type breather
- 0.5 litre engine mounted diesel filter • Forced lubrication

MODEL	SPECIFICATION
BORE (mm)	86
STROKE (mm)	68
DISPLACEMENT (cc)	395
MAX TORQUE (Nm)	20
DRY WEIGHT (kg)	45
RPM	3600
OIL SLUMP CAPACITY (litres)	1.4
HP - NB (DIN 6270)	8

Optional Accessories

- 12V Electric starting • 12V Flywheel mounted magneto with battery charging regulator • 12V Flywheel mounted magneto only for lighting
- Recoil starter • Mechanical Precision governor (Preferred for genset application) • Integral half speed gear box • Remote throttle control
- Remote stop control • Protected breather • Oil pressure switch (Only for Elec. Start engines) • Rocker lubrication
- Positive lubrication for flywheel side bearing (Not for engines with magneto) • Ether capsule type cold start device (Device is supplied loose)
- Permanent stop system for tiller application • Silencer with heat shield • Choice of power take offs
- Choice of colour (Powder coating of sheet metal parts only, red, black or combination of red and black)





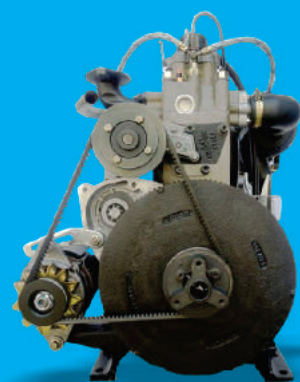
The 75 Series

Single Cylinder | Vertical | Four Stroke | Direct Injection | Air Cooled | Diesel Engine

- Oil bath air filter efficient to work in dusty conditions
- Decompression lever for ease of starting
- Standard power take offs: 24 Dia. conical, 30 Dia. conical, 25.4 dia. cylindrical
- Replaceable cast iron cylinder
- Easy rope starting
- Gear pump forced lubrication
- Full flow lubricating oil filter
- Magnetic oil drain plug
- Mechanical centrifugal governor
- Fuel filter
- Manual extra fuel device for ease of starting
- Facility for connecting oil pressure gauge
- Integral flywheel fan for efficient cooling of the engine
- Standard rotation is anticlockwise when viewed towards power take off
- Aluminium alloy crankcase
- Aluminium alloy cylinder head



MODEL	1450	1510	1451	1511
FUEL	High Speed Diesel	High Speed Diesel	High Speed Diesel	High Speed Diesel
BORE (mm)	85	85	85	85
STROKE (mm)	80	90	80	90
DISPLACEMENT (cc)	454	510	454	510
RATED RPM	3000	3000	3000	3000
HP (IS:10001-1980)	7.4	8.3	7.4	8.3
MAX. TORQUE (Nm)	18.8	21.5	18.8	21.5
SPECIFIC FUEL CONSUMPTION (S.F.C.) (gm/h.p./hr.)	200	205	200	205
LUB. OIL CONSUMPTION (gm/hr)	10	10	10	10
CAPACITY OF OIL SUMP (litres)	1.75	1.75	1.75	1.75
DIRECTION OF ROTATION WHEN VIEWED FROM PTO END	Anticlockwise	Anticlockwise	Clockwise	Clockwise
GOVERNOR TYPE	Centrifugal Governor	Centrifugal Governor	Centrifugal Governor	Centrifugal Governor
MUFFLER (SILENCER) TYPE	Reflection Type	Reflection Type	Reflection Type	Reflection Type
TYPE OF LUBRICATION	Forced	Forced	Forced	Forced
TYPE OF AIR FILTER	Oil Bath Type - Engine Mounted	Oil Bath Type - Engine Mounted	Oil Bath Type - Engine Mounted	Oil Bath Type - Engine Mounted
STARTING	Rope start / Optional	Rope start / Optional	Rope start / Optional	Rope start / Optional
	12 V Electric Start	12 V Electric Start	12 V Electric Start	12 V Electric Start
DRY WEIGHT (kg)	61	62	61	62
DIMENSIONS LxWxH (mm)	406 x 400 x 578.5	412 x 452 x 578.5	406 x 400 x 578.5	412 x 452 x 578.5



G 600W

Single Cylinder | Vertical | Four Stroke | Direct Injection | Water Cooled | Diesel Engine

- Remote mounted dry air cleaner
- Can be inclined to 30° from horizontal
- Extremely low fuel consumption
- Spin on lub oil filter
- Forced lubrication

MODEL	SPECIFICATION
BORE (mm)	92
STROKE (mm)	92
DISPLACEMENT (cc)	611
MAX TORQUE (Nm)	32
DRY WEIGHT (kg)	75
RPM	3000
OIL SLUMP CAPACITY (litres)	1.75
HP - NB (DIN 6270)	11

Additional Information:

- HPs indicated are valid for fully run in engines fitted with standard air cleaner & standard exhaust silencer. The maximum HP is guaranteed with a tolerance of 5%. The HP must be de-rated for ambient conditions as per the relevant standard
- The engines come with multiple ratings, namely IS : 10001 - 1980 , 'N' (DIN 70020), 'NA' (DIN 6270), 'NB' (DIN 6270), BS : 5514
- Availability of the optional accessories may vary from engine - to - engine
- Detailed technical specifications, GA drawings, ratings & performance curves of the engines available on request

Disclaimer: Due to continuous product improvements, specifications mentioned in this document are subject to change without prior notice



Multitple Applications Across Segments



GREAVES
SINCE 1859



Walk Behind Roller



Conveyer



Out-Board Motor



Fire-Fighting Pump



Rail Cutting Machine



Needle Vibrator



Plate Compactor



Pumpset



Reaper Binder



5 KVA Genset



7.5 KVA Genset



Lawn Mower



Power Weeder



Lighting Tower



Compressor



Power Tiller



Pothole Driller



Road/ Kerb
Cutting Machine



Mini Tractor



Thresher



Crane



Platform Truck



Sewage Rodding
Machine



Sprayer

Our Prestigious Clients



- Adico Escorts Agri Equipments Pvt. Ltd. • Aimil Ltd. • Atlas Copco (India) Ltd. • BCS India Pvt. Ltd.
- Cosmos Construction Machinery's & Equipment (P) Ltd. • ELGI Equipments Ltd. • ELGI Sauer Compressors Ltd.
- Ensol Multiclean Equipments Pvt. Ltd. • Garden Reach Ship Builders • Genset India • G S Sandhu & Co.
- Ha Ko Group • Hydraulic & Engineering Instruments • Indian Rubber Industries • Jayem Manufacturing Company
- Jaypee India Limited • Kaizen Envirotech Industries • Killick Engineering Ltd. • Lakshmi Industrial Corporation
- LX Power Engineering Pvt. Ltd. • Naveen Engineering • N C B Boat Builders • SGA Power Systems Pvt. Ltd.
- Shri Balaji Road Marking Machines • Tractor India Limited • Transtec Overseas Pvt. Ltd. • Universal Constore



Technology Centre, Aurangabad

Dealer Network

- East** • Chota Nagpur Enterprise, Daltongung, Jharkhand - 9431138696 • MI Engineering, Patna, Bihar - 8987261789
• Pentagon Construction, Kolkata, West Bengal - 9051938870 • Shareen Traders, Puri, Orissa - 9938249792
- North** • Popular Diesels, New Delhi, New Delhi - 9818376052
- West** • N. Mehta & Company, Pune, Maharashtra - 9822980800
- South** • Christy Marine, Nagarcoil, Tamil Nadu - 9443127070 • Coromandel Agency, Chennai, Tamil Nadu - 9382783443
• Coromandel Agency, Nellore - Andhra Pradesh - 9000600254 • Dinesh Marine, Tuticorin, Tamil Nadu - 9486549223
• East Coast Marine, Cuddalore, Tamil Nadu - 9443437822 • Ecmass Agency, Kakinada, Telangana - 9848192031
• Jai Enterprise, Pondicherry, Pondicherry - 9486829992 • Sharmila Devi Agency, Karanamtadi, Tamil Nadu - 9600313284
• Senthil Murugan & Co., Erode, Tamil Nadu - 9894756567 • Sri Suguna Agency, Ongul, Andhra Pradesh - 9440233345
• Fermier Agency, Chennai, Tamil Nadu - 9884699000 • MD Ishaq, Ooty, Tamil Nadu - 9443042383
• Priya Agency, Nagapattinam, Tamil Nadu - 9442207092 • Royal Enterprise, Vishakhapatnam, Telangana - 9246623444

Greaves Cotton Limited

Registered Office

3rd Floor, Motilal Oswal Tower,
Junction of Gokhale & Sayani Road, Prabhadevi, Mumbai - 400025
www.greavescotton.com | CIN: L99999MH1922PLC000987
Telephone: +91 - 22 - 3355 1700 | Fax: +91 - 22 - 3381 2799

Sales & Marketing Office

Old Mumbai - Pune Highway, Chinchwad, Pune - 411019

Contact Point For Sales Enquiries

Telephone: +91 - 20 - 67308200 | Toll Free: 1800 - 266 - 0670 | Email ID: engines@greavescotton.com