

DIODE TEST

Test Voltage 99 V pp
Green LED: good
Red LED: Faulty

REGULATOR TEST

Range: 12 / 24 / 32 Volt
Meter: 0-50 Volt Analog
& Digital 6 wire system
Din plug with harness

EXTERNAL VOLTMETER

Digital only

LOW RESISTANCE METER

Analog & Digital
3 Ranges: 1 10 100 Ohm
1 milli Ohm resolution
Set zero & over range LED

REV COUNTER

Range: 0-6000 RPM Digital only

AC POWER SOURCE

Voltage: 380 Volt AC
Phases: 3 Phase
Frequency: 50 Hertz
Power consumption: 7.5KW
Mains switch: 3 pole 25 A MCB
Mains lead: 5 metre 2.5 sq
5 Wire with earth & neutral

FIELD CURRENT SUPPLY

Voltage range: 13.8 V fixed
Current range: 0-5 A variable
Meter: 0 - 10 Amperes Analog only

BATTERY VOLTAGE

Range: 0-30 Volt Analog & Digital

ALTERNATOR OUTPUT CURRENT

0- 200 A Analog & Digital
With normal and reverse
selector switch

VOLTAGE SELECTOR

Range: 6, 12 or 24 V

ACCESSORIES & TOOLS

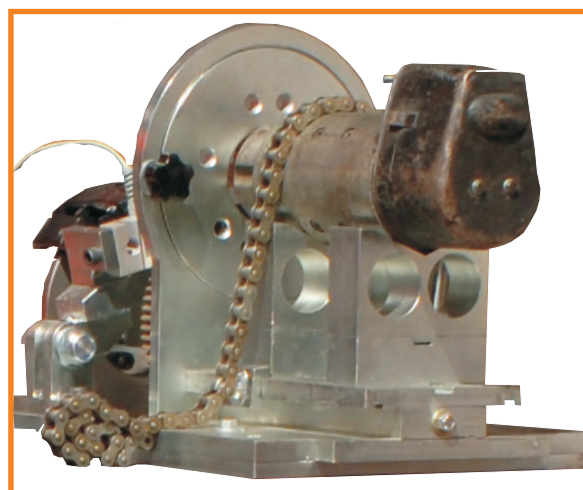
2 Ring gears as selected
1 Flange for small starters
2 V blocks with adaptors
1 chain clamp for vice
Test leads included

DRIVE SYSTEM

Programable computerised drive system. Rotation: FWD & REV
Switch Stop & start buttons with soft start feature active. Motor 7.5 KW Motor pulley flat & V diameter: 105 mm Belt driven with tension lever Right H side

ADDITIONAL ACCESS. OPT.

Ring gear	109 teeth	14DP
Ring gear	109 teeth	12DP
Ring gear	92 teeth	MOD2.5
Ring gear	91 teeth	10DP
Ring gear	77 teeth	MOD3
Ring gear	73 teeth	8DP
Ring gear	66 teeth	MOD3.5
Ring gear	54 teeth	6DP
Ring gear	51 teeth	4.5 MOD



BRAKING DEVICE

225mm Diam caliper disk brake
hydraulic foot pedal operation.

STARTER VOLTAGE

Manual selected: HD Dinse socket
& plug. Range: 6, 12 or 24 Volt

TORQUE MEASUREMENT

Display: 4 Digit LED
reading Newton metre
Load cell: 500 Kg
Measure running
& lock torque

STARTER CURRENT

Dinse socket & plug
Range: 0 - 2000A
Analog & Digital
With normal and
reverse selector

SOLENOID VOLTAGE

Manual push button
energize solenoid
overload MCB 63 A
Range: 6 12 or 24 V



UNIT DIMENSIONS H x W x D

1590 x 1770 x 1140 MASS: ± 620 Kg

INDICATING INSTRUMENTS

Measurements done: analog and digital simultaneously display units:
Analog 109 x 66 Digital 4 digit 96 x 48 range 99.99 V 2000 or 200.0 A

DC POWER SOURCE

4 x 6 volt 150 Amp/Hr Batteries (not supplied)
Battery shelf with cables fitted with post
connectors for easy installation. Power supply:
2 independent 6 volt and one 12 volt linear
regulators with current limit set at 5 amp and
Voltage at 6.9-13.8 V wired to keep the batteries
always fully charged. (On /off switch for manual
use) With active convection cooling

ALTERNATOR FAULT LAMPS

6, 12, or 24 V

ALTERNATOR LOAD

30 Blocks 0 - 500 A
variable carbon pile

DESIGNED AND MANUFACTURED IN SOUTH AFRICA

Appearance And specifications listed in this brochure are subject to change without notice