

# SHREE CHAMUNDA ENGINEERING

SHREE CHAMUNDA



OPERATOR'S & SERVICE MANUAL

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## Customer information

Name: - \_\_\_\_\_

Address: - \_\_\_\_\_

\_\_\_\_\_

Phone No: - \_\_\_\_\_ Tel No: - \_\_\_\_\_

Dealer name &Address: - \_\_\_\_\_

\_\_\_\_\_

SHREE CHAMUNDA serial no: - \_\_\_\_\_ Engine no: - \_\_\_\_\_

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## TO THE OWNER

This new SHREE CHAMUNDA is carefully designed and manufactured to give years of dependable service. To do the better and safer job, read the instructions in this manual.

Each section is clearly identified so you can easily find the information you need.

The parts used in this SHREE CHAMUNDA are subject to change to improve the quality and capacity of the SHREE CHAMUNDA, and for safety. Therefore, please understand that the contents, photos and illustrations in the manual may differ from your SHREE CHAMUNDA.

Please consult SHREE CHAMUNDA ENGINEERING Dealer about any questions you may have.

### Free services

With this book you get 3 free services coupons for a SHREE CHAMUNDA, the owner should take free services during 50hr, 100hr, 150hr, or 3 Month from selling date duration period after 150hr or 3 month which will be first your coupon will expire (SHREE CHAMUNDA will be out of warranty)

### Maintenance

When the SHREE CHAMUNDA is in abnormal condition, take the remedies. If the machine is still abnormal, ask SHREE CHAMUNDA ENGINEERING dealer and give the following information:

- ☐ SHREE CHAMUNDA model
- ☐ Serial No.
- ☐ Working hour or working days
- ☐ Detailed description of abnormal condition

## Specifications

Model		SHREE CHAMUNDA	
Engine	Make	Greaves	
	Model	1510	
	Type	Single cylinder, Air Cooled, Diesel Engine	
	Output Hp NB DIN 6270	10	
	Rated RPM	3000	
	Engine speed at Max torque,	2200 to 2600	
	Displacement (Cc)	510	
	Bore / stock (mm)	85 / 90	
	Fuel Tank (Lts)	14.5	
	Pre-air cleaner& air cleaner	Centrifugal, cyclone type, transparent dust collector& Oil bath	
Dimension	Overall Length		2650
	Overall Width		892
	Overall Height		1325
	Tread	Front Mm	0
		RearMm	712
	WheelbaseMm		1651
Ground Clearance Mm		220	
Weight (Kg)		435	
Tire Size	Front		9.25 *19
	Rear		6.00 * 16
Brake		Mechanical, Internal Expanding Shoe Type	
Electrical	Battery		12V, 35Amp
	Head Lamp		12V 55/55W
	Work lamp		(H3) 12V55W OR LED 12V
	Electric Horn		12V
Clutch		Single Dry, Friction	

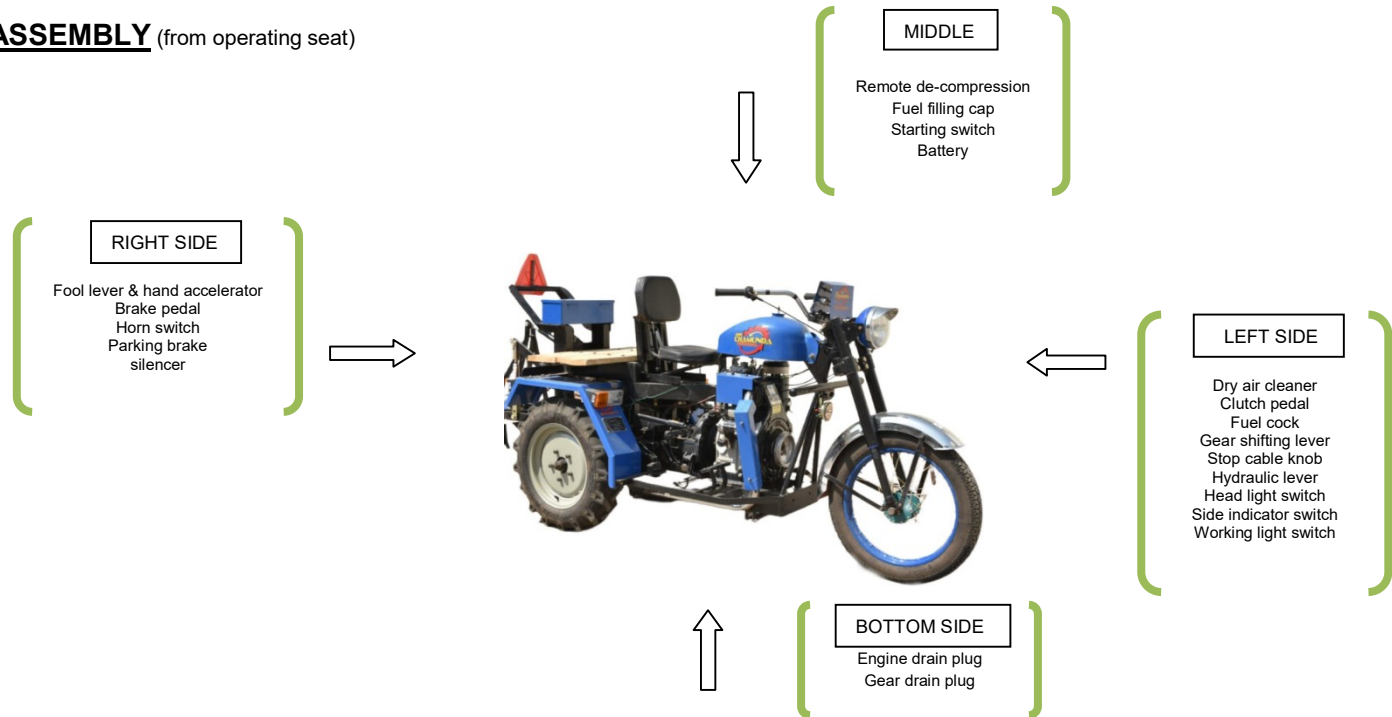
# SHREE CHAMUNDA

Transmission	No. Of Shifting Gears		4 Forward And 1 Reverse
	Travel Speed	Forward (Km/Hr)	6.7 – 26.7
		Reverse (Km/Hr)	7
Hydraulic System	Type		Non live, down force, hydraulic system
	Lifting capacity (Kgs)		150+ 10%
Main Filling Capacity (L)	Fuel Tank (L)		14.8
	Engine recommended grade of Oil		SAE 15W40
	Engine oil capacity (Lts)		1.8
	Transmission gear recommended grade of Oil (Lts)		SAE 90
	Transmission gear Oil & Differential Oil (Lts)		1Lgear &1L differential
	Air cleaner recommended grade of Oil (Lts)		SAE 15W40

Note:

All technical data, measurement and weight are approximate, and the manufacturer has the right to make alteration without prior notice.

## **ASSEMBLY** (from operating seat)



IDENTIFICATION NUMBER(SHREE CHAMUNDA)



IDENTIFICATION  
number  
plate  
on fender  
ON FENDER

SERIAL number  
Punched ON MAIN  
FRAM

"SANEDO" SELF PROPELLED MULTIPURPOSE TOOL CARRIER / TOOLBAR (RIDE ON TYPE)			
Model	SHREE CHAMUNDA		
Month & Year of MFG:	00 / 22		
Serial No.	123 xyz		
Engine Rated RPM	3000	SFC kg/kwh	0.265
Engine	HP 10 NB DIN 6270		
Engine No	123 xyz		
SHREE CHAMUNDA ENGINEERING			
COMPANY FULL ADDRESS			



## SHREE CHAMUNDA LAYOUT

### DIMENSIONS mm

Overall height	1325
Front track	-
Overall width	892
Wheel base	1651
Overall length	2650
Ground clearance	220
Rear track	712




Note: All technical data, measurement and weight are approximate, and the manufacturer has the right to make alteration without prior notice.



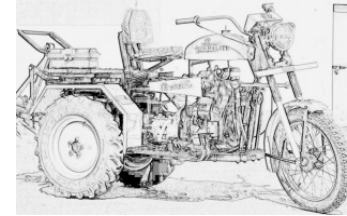
## LEARN SHREE CHAMUNDA, IMPLEMENTS& OPERATE SHREE CHAMUNDA SAFELY

### Signal Words

The signal words "DANGER" "WARNING""CAUTION" are used with the safety-alert symbol.

- (1) "DANGER" denotes the extreme hazard which would result in high probability of irreparable injury if proper precautions are not taken.  **DANGER**
- (2) "WARNING" denotes the hazard which would result in injury if proper precautions are not taken.  **WARNING**
- (3) "CAUTION" denotes the general precautions.  **CAUTION**

Do not permit anyone unfamiliar with SHREE CHAMUNDA and implement operations.  
An operator's manual should be considered a permanent part of your SHREE CHAMUNDA and should remain with the SHREE CHAMUNDA.



Know the positions and functions of all controls and meaning of any identification symbols on your controls, and indicators before attempting to operate the SHREE CHAMUNDA.  
Know how to stop the engine in an emergency.



# SHREE CHAMUNDA

Do not service SHREE CHAMUNDA while it is in motion or while engine is running. When servicing SHREE CHAMUNDA, always set parking brake, block wheels, lower implement, release all hydraulic pressure and place all controls in neutral.

Use correct tools and equipment.



Sulfuric acid in battery electrolyte is poisonous. It can destroy clothing and burn the skin. Wear eye protection and rubber gloves when filling battery. If you spill acid on yourself, flush your skin with water, then get medical attention immediately.



## BEFORE OPERATING

Do not operate the SHREE CHAMUNDA when tired, ill, sleepy, drunk, feeling overworked, taking medicines, pregnant, suffering mental disease or other improper conditions. These conditions impair a person's skill and judgment. When you begin feeling tired during operation, take a 10-minute break to stretch, walk about, lie down or snack. Do not continue if you still feel tired after taking a break.



Do not touch muffler (SILENCER), engine or other high temperature parts before completely cooling down



# SHREE CHAMUNDA

- Hydraulic hoses and lines can fail due to physical damage, kinks, age, and exposure Check hoses and lines regularly. Replace damaged hoses and lines.
- Hydraulic fluid connections can loosen due to physical damage and vibration. Check connections regularly. Tighten loose connections.



Couple brake pedals together at road speeds. (only for two brake pedals type)  
Do not make sharp turns at road speeds.  
Always dim headlights before meeting another vehicle.  
Keep light adjusted so they will not blind another vehicle.



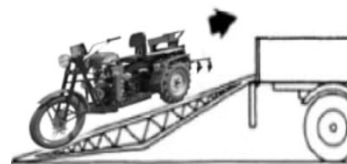
## TOWING

A towed load of more than the weight of the SHREE CHAMUNDA should have its own brakes. When towing, drive slowly and avoid hills and hard applications of brake.



When loading (or unloading) SHREE CHAMUNDA onto vehicle, use care as follows:

- 1) Use adequate loading ramp on loading dock.
- 2) Use lowest first or reverse speed when driving up loading ramp.
- 3) Set parking brake and wheel blocks firmly under vehicle wheels.
- 4) Do not try to drive onto trailer from ditch bank.



# SHREE CHAMUNDA

## After operation

Clean thoroughly the SHREE CHAMUNDA after daily operation to keep it in good condition for a long time. In particular, clean lower and front areas before storing it. Wash the SHREE CHAMUNDA with water and wipe off. Lubricate moving parts and sliding parts. Apply oil /grease to all lubrication & grease especially after working in wet field.



## STORAGE

Whenever SHREE CHAMUNDA will not be used for a few months, use following safety precautions:

- (1) Drain fuel tank. (2) Lower implement. (3) Set parking brake and block wheels.
- 4) Remove battery connection and store in cool, dry place, and keep out of reach of children.



## CONTROL

### ON/OFF the fuel cock

Turn clock wise to fuel OFF  
Turn anti-clock wise to fuel ON

ON



OFF

### Head light switch

(push the knob to operate switch in 2 step ON to OFF)

Pull button Light ON hi beam



Pull button Light ON low beam



OFF



## Turn indicator light (tail light & parking light set)

Middle switch is for turn indicator switch its before you turn your machine (left or right) during traveling



## Remote De compression

Pull de-compression knob Before the start engine self-starter motor run engine then release knob so engine will rotate smoothly and run start



## Chock lever

Before STARTING the engine pull out Knob  
(Used as chock lever so engine will start smoothly)



## Working light switch

Push knob to OFF Working light



Pull knob to ON Working light





## Start Engine(Ignition switch)

**Be sure machine is in NEUTRAL condition**

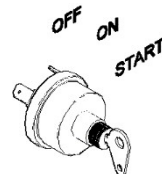
(Engine is in cold condition used chock if required)

### ENGINE

#### Ignition switch

The switch is used to start the engine

- OFF - The electric current is shut off. The engine stops. (The key can be removed.)
- ON - The electric current is on.
- START - Starter motor runs to start the engine, when range shift lever is at neutral.  
Release the key when the engine starts, and the key returns to the "ON" position automatically



## TO STOP ENGINE

Pull the lever STOP KNOB to stop the engine run.



## Hand accelerator lever

Hand accelerator lever is used to increase or decrease the engine speed, mainly during traveling



## Horn switch (push button)

Horn button is provide in multifunction switch



## Foot accelerator lever

Foot accelerator lever used to increase the engine speed and for field work at different speed.



## CLUTCH PEDAL

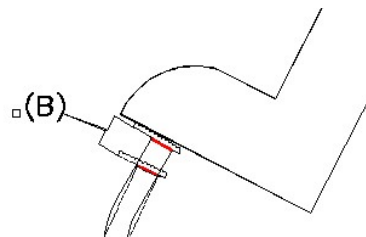
The clutch pedal transmits or cuts engine power to transmission.  
To disengage the clutch, depress clutch pedal and engine power is disconnected.

To engage the clutch after depressing clutch pedal, release the pedal slowly and engine power transmits to transmission.

(B) Clutch pedal (20 TO 30mm free play)

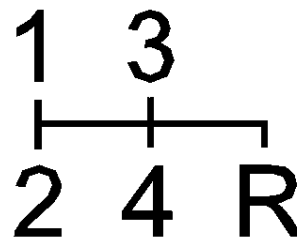
### IMPORTANT

Do not rest your foot on the clutch pedal while operating. It may cause premature wearing of clutch disc.



## Main shift lever

The transmission has 4+1 main gear shifts.  
Depress the clutch pedal fully, and move the lever to desired position.



## Brake pedal

SHREE CHAMUNDA has brake pedals for right and left turn independently and they can be applied separately.

For a sharp turn in the field, depress the brake in which direction you want to turn. For driving on a road, never fail to connect both pedals with the connector.

To avoid unnecessary wear of brake shoes, do not rest foot on the brake pedal during operation.

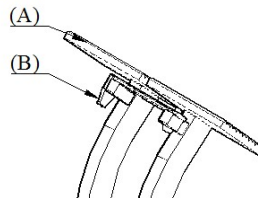
(A) Brake pedals

(B) Brake pedal connector

Brake pedal (20 TO 30mm free play required)

### WARNING

Be sure connecting the both brake pedals with the connector when driving on a load. SHREE CHAMUNDA may turn over by one-sided braking in high speed.



## Parking brake lever

To apply parking brake: - Connect brake pedals, depress brake pedals and raise rear side parking brake lever.

To release parking brake: -Depress brake pedals slightly and down parking brake lever.  
Parking brake lever

Brake pedals connect  
Apply parking brake (APB)  
Release parking brake (RPB)

### **⚠CAUTION**

Be sure connecting the both brake pedals with the connector when applying parking brake. If not, only left tire is locked and it may not brake SHREE CHAMUNDA sufficiently.

APB  
↕  
RPB



## Hydraulic control valve lever




single control hydraulic lever  
with help of this lever, you can pull up back side attached implements.

(Gravity will drop down bottom side)

By adjusting hydraulic arm stopper bolt rear side, you can adjust depth control






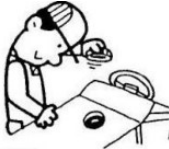
## SYMBOL INDICATION



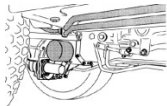
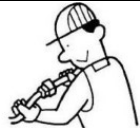

<p>Transmission Oil filling points (Gear OIL &amp; Differential OIL) you can check the transmission oil level</p>	
<p>Fuel filling Point (Diesel filling cap)</p>	
<p>Engine oil level check Point</p>	



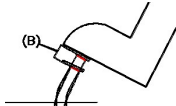

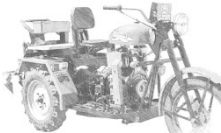
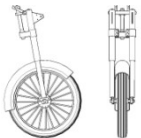
## CHECK POINTS

For safety reasons, always check the SHREE CHAMUNDA before day's work. Remove any abnormalities. At least check the followings in order:

<p>Deformed, damaged, worn or lost exposed parts</p> <ul style="list-style-type: none"><li>• Air inflation pressure and wear of tires</li><li>• Loosened or lost bolts and nuts of the tire rims and disks</li></ul>	 A line drawing of a worker wearing a hard hat and safety glasses, kneeling next to a large tire and inspecting it.
<ul style="list-style-type: none"><li>• Engine&amp; Transmission gear oil level and leaks.</li></ul>	 A line drawing of a worker wearing a hard hat and safety glasses, holding a dipstick and checking the oil level in a container.
<ul style="list-style-type: none"><li>• Clogging or dirt in air filter&amp; check the oil level to mark</li></ul>	 A line drawing of a worker wearing a hard hat and safety glasses, holding a cone-shaped air filter and inspecting it.
<ul style="list-style-type: none"><li>• Fuel oil amount, leak and damages on fuel lines.</li></ul>	 A line drawing of a worker wearing a hard hat and safety glasses, kneeling and inspecting fuel lines and components.

<ul style="list-style-type: none"> <li>• Level of battery liquid.</li> </ul>	
<ul style="list-style-type: none"> <li>• colling fan screen</li> </ul>	
<ul style="list-style-type: none"> <li>• Hydraulic joint and lines for damages and loose connection.</li> </ul>	
<ul style="list-style-type: none"> <li>• Check electrical wirings for wear or damages of lead sheaths and loose connections.</li> </ul>	
<ul style="list-style-type: none"> <li>• Play of brake pedals: -. Brake pedals must have reasonable play (A) and plays of both right and left brake pedals must be equal. (20-30mm)</li> </ul>	

# SHREE CHAMUNDA

<ul style="list-style-type: none"><li>• Play of clutch pedal: -Clutch pedal must have reasonable play (B). (20-30mm)</li></ul>	
<p>Start the engine and check:</p> <ul style="list-style-type: none"><li>• Abnormal sound or noise.</li></ul>	
<ul style="list-style-type: none"><li>• Function of each lamp,</li></ul>	
Front wheel alignment	

## CAUTION

1) Before and after operation, never fail to check and service the SHREE CHAMUNDA. Particular check will be required at brake pedals, controls, steering devices and tire rim fitting bolts. Negligence can cause a heavy injury or accident to the SHREE CHAMUNDA and the human.

2) Set the parking brake during the warm-up operation. Otherwise, the SHREE CHAMUNDA may abruptly start to run.

**TROUBLESHOOTING**

If abnormal operations are found, stop the engine and found a problem by referring to the following table.

**1. Engine**

PROBLEM		CAUSE	REMEDY
Engine hard to start or not start	Starter motor runs.	No fuel or improper fuel	Fill fuel. Drain wrong fuel and fill proper fuel.
		Water, dirt, or air in fuel system	Drain, flush & bleed fuel system.
		Clogged fuel filter	Clean or replace fuel filter.
		Fuel shut-off valve closed	Open fuel shut-off valve.
		Accelerator lever not pulled	Pull throttle lever.
		Engine oil too heavy	Use oil of proper viscosity.
	Starter motor doesn't run.	Lever is not set to "N"	Set the lever to neutral.
		Low voltage	Charge battery.
		Slow blow fuse blown	Replace slow blow fuse.
		Vent in fuel tank cap clogged	Clean cap in solvent and blow dry.
Engine runs irregularly or stalls frequently	Fuel filter clogged		Clean or replace fuel filter.
	Water, dirt, or air in fuel system		Drain, flush & bleed fuel system.
	Dirty or faulty injection nozzles		See your SHREE CHAMUNDA ENGINEERING dealer.
	Improper type of fuel		Use proper fuel.
	Engine solenoid linkage out of adjustment		See your SHREE CHAMUNDA ENGINEERING dealer.
	Insufficient oil		Add oil
	Engine overheating		See "Engine overheats".
Engine knocks	Idle speed too slow		Check idle speed.
	Improper type of fuel		Use proper fuel.
	Engine overloaded		Reduce load or shift to lower gear.
Lack of engine power	Air cleaner element clogged		Clean air cleaner element.
	Clogged fuel filter		Clean or replace fuel filter.
	Improper type of fuel		Use proper fuel.

## SHREE CHAMUNDA

	Engine overheating	See "Engine overheats".
	Improper ballast	Adjust ballast to load.
	Hydraulic stop valve closed	Open stop valve.
	Improper implement mounted	Check required horsepower for implement.
Engine overheats	Engine overloaded	Reduce load or shift to lower gear.
	Loose or defective fan belt	Adjust fan belt and replace if needed
	Cooling system needs cleaning	Flush cooling system.
High oil consumption	Oil viscosity is too light	Use proper viscosity oil.
	Oil leaks	Check for leaks in lines, seals, drain plug and around gaskets.
Engine emits white smoke	Improper type of fuel	Use proper fuel.
	Low engine temperature	Warm up engine to normal operating temperature.
Engine emits black or gray smoke	Improper type of fuel	Use proper fuel.
	Engine overloaded	Reduce load or shift to lower gear.
	Air cleaner clogged	Clean or replace air cleaner element.
	Improper type of fuel	Use proper fuel.
High fuel consumption	Engine overloaded	Reduce load or shift to lower gear.
	Air cleaner clogged	Clean or replace air cleaner and element.
	Crankcase breather clogged	Clean breather pipe.
	Improper implement mounted	Check required horsepower for implement.
	Tire pressure too low.	Inflate tires to proper pressure.
	Clutch slipping.	Adjust clutch free travel or replace disk.
	Defective component parts	See your SHREE CHAMUNDA ENGINEERING dealer.
Unusual noise		

## 2. Electrical system

PROBLEM	CAUSE	REMEDY
Battery not charged	Loose or corroded connections	Clean and tighten connections.
	Battery service life is ending	Check electrolyte level and specific gravity and replace if necessary.
	Loose or defective fan belt	Adjust belt tension or replace belt.
	Excessive engine idling	Allow engine to idle when necessary.

## 3. Hydraulic system

PROBLEM	CAUSE	REMEDY
Implement not raises	Low oil level	Fill system with proper oil.
	Hydraulic stop valve closed	Open stop valve.
	Excessive load on hitch	Reduce load.
	Defective hydraulic pump or control valve	See your SHREE CHAMUNDA ENGINEERING PVT. LTD. dealer.
	Oil leaks	Check oil leaks.
Hitch drops slowly or does	Hydraulic stop valve closed	Open stop valve.
	Slow return valve set slow	Open valve and adjust drop speed.
System drops too fast	Slow return valve set fast	Close valve and adjust drop speed.
	Improper oil	Use oil with proper viscosity.
System overheating	Incorrect oil viscosity	Drain and fill oil with proper viscosity.
	Low oil level	Fill to proper oil level.
	Dirty oil	Drain and fill clean oil.
	Keeping steering wheel at the end	Release steering wheel.
	Control lever not returned to neutral position when using implement	Return lever to neutral position.

## 4. Power train

PROBLEM	CAUSE	REMEDY
Abnormal noise	Transmission oil level low	Add proper type of oil.
	Worn or broken gears/bearings	See your SHREE CHAMUNDA ENGINEERING PVT. LTD. dealer.
SHREE CHAMUNDA is pulled to one side	Brakes adjusted unevenly	Adjust brake pedal free travel.
	Right and left tier inflated unevenly	Inflate tires to proper pressure.
	Implement improperly adjusted	See implement operator's manual

## Suggested operation by working speed.

Rang shift	Operation			
1 <sup>st</sup>	Ox Auto seed drill	Tine cultivator		
2 <sup>nd</sup>		Ox Auto seed drill	Tine cultivator	Blade
3 <sup>rd</sup>			Sprayer	
4 <sup>TH</sup>			Traveling	

## Fuel and lubricants

Sr No.	Particulars	Recommended
1	Grease	SKF NLGI – 3 or Servo JML MP – 3
2	Engine Oil	SAE 15W40
3	Gear, Diff, hyd Oil	SAE 90
5	Air cleaner oil	SAE 15W40



## PERIODICAL SERVICE



### WARNING

1) Stop the engine before servicing and fix the SHREE CHAMUNDA wheels not to move.

✓: Check required and take action

WORK	COUSTOMER			
CHECK LIST	10hr / daily work day	50hr	100hr	150hr
wash & clean	✓	wash & clean	wash & clean	wash & clean
Engine lubrication oil	✓	Replace	✓	Replace
Engine oil element		Replace	✓	Replace
Engine breather pipe		✓	✓	✓
Clearance of exhaust valve (0.2mm)		✓	✓	✓
Clearance of Air inlet valve (0.15mm)		✓	✓	✓
Air cleaner element & oil level	✓	Clean	Clean	Clean
Fuel filter		✓	✓	✓
Fuel filter pipe & connections		Clean	Clean	Clean
Hoses		✓	✓	✓
Air cleaner oil level		✓	✓	✓
Fuel filter		✓	✓	✓
Fuel filter pipe & connections		Replace	✓	Replace
Engine rpm idle & rated		Clean		Replace
Generator, starter motor		✓	✓	✓
Transmission oil				✓
Transmission oil filter				✓
Front axle play in hub, stub axle, center pin		✓	✓	✓
Front axle grease in hub	✓	✓	✓	✓
Front wheel alignment		✓	✓	✓
Electric wiring, connections		✓	✓	✓
Battery electrolyte level	✓	✓	✓	✓
Important nuts and bolts (external mounting bolts)		✓	✓	✓
Hydraulic system (controls)	✓	✓	✓	✓
Hydraulic pipe & connection	✓	✓	✓	✓
Free travels of clutch pedal and brake pedals	✓	✓	✓	✓
Tyre front & rear air pressure	✓	✓	✓	✓
Grease-up	✓	✓	✓	✓

## Wheel bolt tightening torque

Tighten hub bolts specified tightening torque. A front wheel is fixed stud nut or rear wheel is fixed with stud nut or bolts nuts	Tightening torque	Front wheel	98Nm (10kgf-m)
		Rear wheel	98Nm (10kgf-m)
Tires pressure	Field work		
Front	1.5 Kg/cm <sup>2</sup> (22 PSI)		
Rear	0.84 Kg/cm <sup>2</sup> (12 PSI)		

## Grease & Lubrication point

ITEM	NO. OFF POINTS	SERVICE INTERVAL HRS.
Hyd. arm	1	10
Front axle	2	10
Clutch shaft	2	10
Brake & Clutch pedal shaft	2	10

## CONDITION OF WARRANTY

### Warranty Introduction

Thank you for purchasing a SHREE CHAMUNDA. SHREE CHAMUNDA ENGINEERING is the premier manufacturer of compact equipment in the world. As part of our commitment to quality and reliability, SHREE CHAMUNDA ENGINEERING provides you comprehensive warranty coverage for your new SHREE CHAMUNDA.

Warranty Start Date: - The warranty coverage begins on the date that your SHREE CHAMUNDA ENGINEERING product is first retailed. This is the REGISTRATION date, which is on file with SHREE CHAMUNDA ENGINEERING.

### What is a Limited Warranty?

Warranty is a written guarantee by the manufacturer of a product, promising to repair or replace parts which have a defect in materials or workmanship. "Limited" means that the Warranty is for a specified period of time, and has certain other restrictions. SHREE CHAMUNDA ENGINEERING will, through its authorized dealers, repair or replace any Genuine SHREE CHAMUNDA ENGINEERING, SHREE CHAMUNDA part which is found to be defective in materials or workmanship. The defect must occur during normal use of the product and within the length of warranty coverage. The repair or replacement will be at no charge for either the part or the labor to repair or replace that part. Repairs must be completed using only SHREE CHAMUNDA ENGINEERING parts, or parts that have been approved by SHREE CHAMUNDA ENGINEERING.

### SHREE CHAMUNDA ENGINEERING Right to Inspect

SHREE CHAMUNDA ENGINEERING, SHREE CHAMUNDA Corporation, or its agents, reserve the right to inspect the customer's SHREE CHAMUNDA ENGINEERING product to determine if a defect in materials or workmanship exists prior to the commencement of any covered repair. It is the customer's responsibility to deliver the product to an authorized SHREE CHAMUNDA ENGINEERING dealer for this inspection.

### Location of Warranty Repairs

Repairs covered under the conditions of this Warranty must be performed by an authorized SHREE CHAMUNDA ENGINEERING dealer, warranty applies only to SHREE CHAMUNDA sold and serviced in the India This Warranty Does NOT Cover Failures Caused By:

- |   |   |
|---|---|
| <input type="checkbox"/> Accidents (collision or otherwise) | <input type="checkbox"/> Improper repairs   |
| <input type="checkbox"/> Contamination to the fuel system,  | <input type="checkbox"/> Use of non-Genuine SHREE CHAMUNDA ENGINEERING parts          |
| <input type="checkbox"/> Misapplication, Overloading        | <input type="checkbox"/> Neglected maintenance/incorrect operation                    |
| <input type="checkbox"/> Abusive operation                  | <input type="checkbox"/> Unapproved attachments                                       |
| <input type="checkbox"/> Natural calamities                 | <input type="checkbox"/> Storage without Necessary Precautions as per Operator Manual |
| <input type="checkbox"/> Unauthorized modifications         |   |

This Warranty does NOT cover replacement of Wear or Maintenance items (unless defective) including, but not limited to:

- |  |   |
|--|---|
| <input type="checkbox"/> Clutch and brake linings          | <input type="checkbox"/> All bearings             |
| <input type="checkbox"/> Filters (air, fuel, oil)          | <input type="checkbox"/> Electric harness & items |
| <input type="checkbox"/> Light bulbs                       | <input type="checkbox"/> Injector nozzle          |
| <input type="checkbox"/> Glass, mirrors, rubber & plastics |   |

**Battery Warranty** The battery supplied with the product has a warranty, as per OE supplier warranty & time period. Length of Warranty Coverage Which begin on the retail date or date of first use, whichever is earlier. SHREE CHAMUNDA ENGINEERING (SHREE CHAMUNDA) is limited in warranty by a specified length of time

## SHREE CHAMUNDA DELIVERY INSTALLATION RECORD

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Serial no: \_\_\_\_\_ Engine no: \_\_\_\_\_ Battery no: \_\_\_\_\_ Color: \_\_\_\_\_

The importance of the operator's manual is explained and given guide, instructions/information of the SHREE CHAMUNDA.

- Controls – Operation of the gear lever, hi-low lever, clutch, brake, hyd levers, hand & foot accelerator.
- Instrument Panel – Familiarity with instrument panel gauges & lights.
- Preparation of new SHREE CHAMUNDA – Wheel track adjustment front & rear (addition of wheel weight, etc)
- New SHREE CHAMUNDA – Importance of bedding in & procedure.
- Air cleaner – Cleaning of pre cleaner and care of air cleaner
- Engine – Checking engine oil level, importance of oil level, markings of dipstick, lub oil specifications
- Battery – Topping of electrolyte, importance of distilled water, cleaning vent plugs, use of petroleum jelly etc.
- Hydraulics – Use of position & draft control levers, use of control valve setting with field demo.
- Hitching implements – Procedure, correct practices with field demo.
- Fuel system – Importance of good fueling practices, bleeding the fuel system, use of water separator
- Tires – Importance of correct tire pressure, wheel weight to reduce slip, water ballasting, how to get more life etc.
- Lubrication – Lubrication of entire SHREE CHAMUNDA (various greasing points)
- Maintenance – schedule of the SHREE CHAMUNDA as per periodical service chart.
- Special care – During washing, during threshing, importance of thresh guard, puddling
- Importance of the SHREE CHAMUNDA storage
- Fuel saving tips etc.

Note: -

INSTALLATION given by: \_\_\_\_\_

Dealer signature: \_\_\_\_\_

Customer signature: \_\_\_\_\_

CHECK LIST FOR WORK TO DO AFTER 50hr			YES / NO X
1	wash & clean	wash & clean	
2	Engine lubrication oil	Replace	
3	Engine oil element	Replace	
4	Engine breather pipe	✓	
5	Clearance of exhaust valve (0.2mm)	✓	
6	Clearance of Air inlet valve (0.15mm)	✓	
7	Air cleaner element & oil level	Clean	
8	Fuel filter	✓	
9	Fuel filter pipe & connections	Clean	
10	Hoses	✓	
11	Air cleaner oil level	✓	
12	Fuel filter	✓	
13	Fuel filter pipe & connections	Replace	
14	Engine rpm idle & rated	Clean	
15	Generator, starter motor	✓	
16	Transmission oil		
17	Transmission oil filter		
18	Front axle play in hub, stub axle, center pin	✓	
19	Front axle grease in hub	✓	
20	Front wheel alignment	✓	
21	Electric wiring, connections	✓	
22	Battery electrolyte level	✓	
23	Important nuts and bolts (external mounting bolts)	✓	
24	Hydraulic system (controls)	✓	
25	Hydraulic pipe & connection	✓	
26	Free travels of clutch pedal and brake pedals	✓	
27	Tyre front & rear air pressure	✓	
28	Grease-up	✓	

**1<sup>st</sup> FREE LABOUR SERVICE**

SELLING DEALER CODE: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_ JOB CAR NO: \_\_\_\_\_ HOURS OPERATED: \_\_\_\_hr

SHREE CHAMUNDA SR NO : \_\_\_\_\_ ENGINE NO: \_\_\_\_\_

SERVIS MAN NAME & SIGNATURE: - \_\_\_\_\_/\_\_\_\_\_

SERVICE WORKING TIME DURATION: - \_\_\_\_\_ TO \_\_\_\_\_ TOTAL TIME: \_\_\_\_\_

COUSTOMER NAME: \_\_\_\_\_ Mobile no: \_\_\_\_\_

## FREE LABOUR SERVICES AT 50 HOURS

**Note: - Dealer & Customer must have to follow the company service guide lines & For more detail, please see the CONDITION OF WARRANTY**

Check the above all points then after sign it

SIGNATURE OF SELLING DEALER

SIGNATURE OF SERVICING DEALER

SIGNATURE OF COUSTOMER

CHECK LIST FOR WORK TO DO AFTER 150hr			YES / NO X
1	wash & clean	wash & clean	
2	Engine lubrication oil	✓	
3	Engine oil element	✓	
4	Engine breather pipe	✓	
5	Clearance of exhaust valve (0.2mm)	✓	
6	Clearance of Air inlet valve (0.15mm)	✓	
7	Air cleaner element & oil level	Clean	
8	Fuel filter	✓	
9	Fuel filter pipe & connections	Clean	
10	Hoses	✓	
11	Air cleaner oil level	✓	
12	Fuel filter	✓	
13	Fuel filter pipe & connections	✓	
14	Engine rpm idle & rated		
15	Generator, starter motor	✓	
16	Transmission oil		
17	Transmission oil filter		
18	Front axle play in hub, stub axle, center pin	✓	
19	Front axle grease in hub	✓	
20	Front wheel alignment	✓	
21	Electric wiring, connections	✓	
22	Battery electrolyte level	✓	
23	Important nuts and bolts (external mounting bolts)	✓	
24	Hydraulic system (controls)	✓	
25	Hydraulic pipe & connection	✓	
26	Free travels of clutch pedal and brake pedals	✓	
27	Tyre front & rear air pressure	✓	
28	Grease-up	✓	

## 2<sup>nd</sup> FREE LABOUR SERVICE

SELLING DEALER CODE: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_ JOB CAR NO: \_\_\_\_\_ HOURS OPERATED: \_\_\_\_hr

SHREE CHAMUNDA SR NO : \_\_\_\_\_ ENGINE NO: \_\_\_\_\_

SERVIS MAN NAME & SIGNATURE: - \_\_\_\_\_/\_\_\_\_\_

SERVICE WORKING TIME DURATION: - \_\_\_\_\_ TO \_\_\_\_\_ TOTAL TIME: \_\_\_\_\_

COUSTOMER NAME: \_\_\_\_\_ Mobile no: \_\_\_\_\_

### FREE LABOUR SERVICES AT 100 HOURS

**Note: - Dealer & Customer must have to follow the company service guide lines & For more detail, please see the CONDITION OF WARRANTY**

Check the above all points then after sign it

SIGNATURE OF SELLING DEALER

SIGNATURE OF SERVICING DEALER

SIGNATURE OF COUSTOMER

	CHECK LIST FOR WORK TO DO AFTER 500hr		YES / NO X
1	wash & clean	wash & clean	
2	Engine lubrication oil	Replace	
3	Engine oil element	✓	
4	Engine breather pipe	✓	
5	Clearance of exhaust valve (0.2mm)	✓	
6	Clearance of Air inlet valve (0.15mm)	✓	
7	Air cleaner element & oil level	✓	
8	Fuel filter	Clean	
9	Fuel filter pipe & connections	✓	
10	Hoses	✓	
11	Air cleaner oil level	✓	
12	Fuel filter	Clean	
13	Fuel filter pipe & connections	✓	
14	Engine rpm idle & rated	✓	
15	Generator, starter motor	✓	
16	Transmission oil	Replace	
17	Transmission oil filter	Replace	
18	Front axle play in hub, stub axle, center pin	✓	
19	Front axle grease in hub	✓	
20	Front wheel alignment	✓	
21	Electric wiring, connections	✓	
22	Battery electrolyte level	✓	
23	Important nuts and bolts (external mounting bolts)	✓	
24	Hydraulic system (controls)	✓	
25	Hydraulic pipe & connection	✓	
26	Free travels of clutch pedal and brake pedals	✓	
27	Tyre front & rear air pressure	✓	
28	Grease-up	✓	

## 3<sup>rd</sup> FREE LABOUR SERVICE

SELLING DEALER CODE: \_\_\_\_\_

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_ JOB CAR NO: \_\_\_\_\_ HOURS OPERATED: \_\_\_\_hr

SHREE CHAMUNDA SR NO : \_\_\_\_\_ ENGINE NO: \_\_\_\_\_

SERVIS MAN NAME &SIGNATURE: - \_\_\_\_\_/\_\_\_\_\_

SERVICE WORKING TIME DURATION: - \_\_\_\_\_ TO \_\_\_\_\_ TOTAL TIME: \_\_\_\_\_

COUSTOMER NAME: \_\_\_\_\_ Mobile no: \_\_\_\_\_

## FREE LABOUR SERVICES AT 150 HOURS

**Note: - Dealer & Customer must have to follow the company service guide lines & For more detail, please see the CONDITION OF WARRANTY**

Check the above all points then after sign it

SIGNATURE OF SELLING DEALER

SIGNATURE OF SERVICING DEALER

SIGNATURE OF COUSTOMER