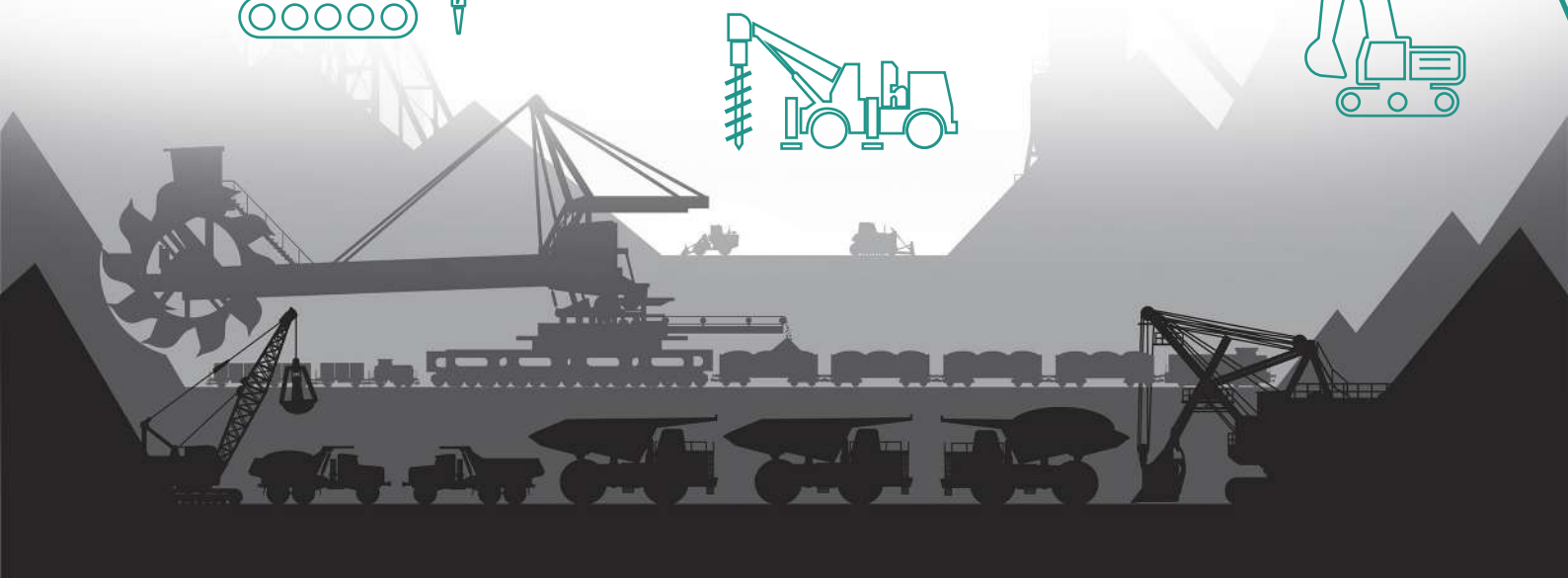
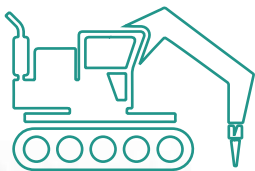


DRILL *To* THE CORE



ABOUT US



SMS Gears was founded and developed in 1977 by the tireless SMS MANI the man who aspired to take on the challenges of the Leading gearbox manufacturers with his Own design and producing world class quality gearbox.

SMS Produces extensive line of gearboxes and Custom made gearbox for all types of drilling and mining machines. In addition we provide support for selection of gearbox for the customer requirements. With the introduction of the new gearboxes for various applications, the company experienced steady growth and quickly became a major player within the drilling industry.

We have designed and developed more than 20 special gearboxes for drilling and mining machines, SMS still remains one of the reputed and customer oriented company to solve any type of technical problems proposed by clients with specific requirements.

In a world of product-oriented companies that believe to give the best value with mass-productions strategies, SMS still remains a customer-oriented company ready to solve any technical challenge proposed by clients with specific requirements.

production, we develop for you with best possible engineering solutions, giving you more power, less gear noise, higher efficiency and life and more precision.



Our Infrastructure



SMS UNIT-I



Sri Murugan Equipments (SMS-Unit 1) is located in Coimbatore, India. Founded in 1997, SMS currently designs, develop and manufactures all types of gearboxes and equipment's for drill rigs and mining machines, in our 35,000 sq ft facility, With more than 100 well trained employees, We have the capacity and ability to satisfy customers need .

»» Area – 35,000 Sq.ft »» Team- 100+ members

»» Dealers: 4



SMS UNIT-II



Sms Foundry division (unit-II)is our premium quality steel & casting manufacturers in India. It produce WCB moduling, S.G Cast Iron from 1kg to 400 kg single piece weight. Our foundary division is well equipped with spectro, test & tensile testing machine

»» Area : 12,000 sq.ft Team = 20



MANUFACTURING FACILITY



SMS manufactures all of our products to the highest industry standards. Utilizing the latest in high-tech CNC and Quality control equipment's, TMG's manufacturing process produces the same high-quality results every time.

SMS owns and operates several CNC Tuning centers, CNC Vertical milling machines, Hitachi seiki CNC Horizontal machining center, CNC Vertical turning lathe, CNC Internal grinding machine and Conventional machines, CMM and trimos for quality, and several automated high-volume steel cutting saws.

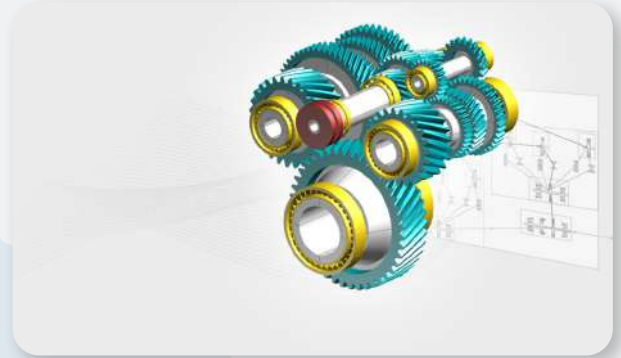




ENGINEERING AND DESIGN



SMS Manufacturing has a full-time engineering and design department dedicated to the development of new products. In addition, they are continually monitoring existing products for quality assurance. Utilizing the latest technology in CAD software and advanced 3D printing, SMS designs our products in-house and tests all products before releasing to our customers. From concept to design modeling to final product, SMS design team turns ideas into reality!



QUALITY

We ensure the highest quality standards by using state-of-the-art technology in our production, assembly, warehousing and customer service divisions. SMS customers benefit from an extensive manufacturing range. We produce 50,000 parts all designed inhouse, and all made in India at the highest level. Our commitment to quality means that we are continuously awarded the ISO 9001 certification, and we make KVP an integral part of our daily work.



SI no	Machinery	Make	QTY
1	150 kg Furnace	Inductotherm	1
2	400 kg furnace	Inductotherm	1
3	Sand Blaster	Sakthi Engineers	1
4	Sand Mixer	Sakthi Engineers	1
5	Sand Grinder	Sakthi Engineers	1
6	Spectro	Spectromax	1
7	Grinding Machine		2
8	Welding Machine	Rolon	2





Sl no	Machine	Capacity	Make	QTY
1	CNC-Vertical Milling	500-1500 mm	ACE, Quaser, BFW	6
2	CNC-Turning Center	Dia-120 to 350 mm Length-300 to900 mm	Puma, Lmw, ACE	8
3	CNC-VTL	Dia - 300 mm	ACE	1
4	CNC-Horizontal Machine	1000 mm	Hitachi Siki	1
5	CNC-Internal grinding M/C	Dia - 320 mm Length - 700 mm	Jones and Shipman	1
6	Conventional -Radial Drilling	600 mm	HMT	3
7	Conventional - Milling	1000 mm	Cincinnati, WMW	5
8	Conventional - Lathe	1500 mm	Accurate	6
9	Conventional - Boring	1000 X 1000 mm	Bragonzi	1
10	Conventional Sloting	Chuck 18 "	Allen West	1
11	Conventional Surfacing Grinding	600 X 300 mm	Okomoto	2
12	Conventional ID Grinding	ID 300 mm	Schaudt	1
13	Conventional OD Grinding	OD 300 mm	TOS	3
14	MNTR	1000 mm	Shi zuoka	1
15	CNC-Engraving		Popen	1
16	3D Printere	300 X 300 X 300 mm	CCC	1
17	Welding	Tig, Mig, Arc	Rolon	4
18	Gas Cutting		Rolon	2
19	CMM	700 X 1000 X 600 mm	Zeiss	1
20	Trimos	Trimos V3	Trimos	1
21	Gear Roll Tester	Up to 6 Module	Up to 6 Module	1

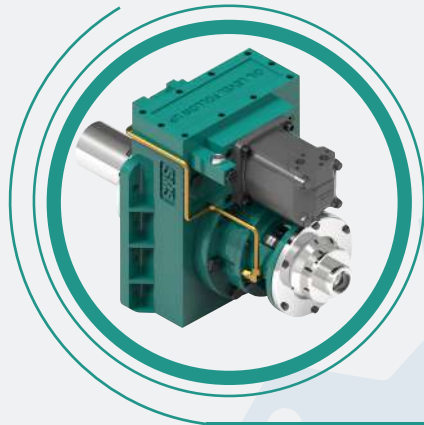




WATERWELL ROTARY HEAD



SMS RM XL CAM TYPE - RHG100



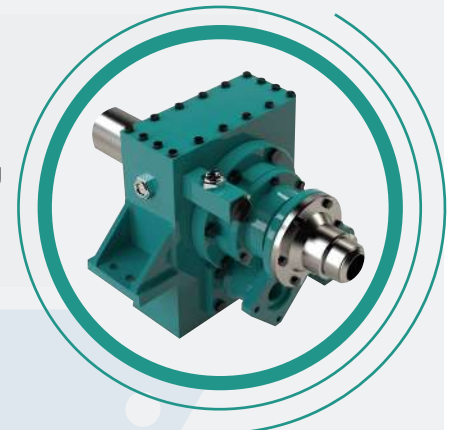
Application : Waterwell drilling
Drilling method : DTH/ MUD
Diameter : 6 " to 12" dia bore hole
Depth : 400 mtr @ 6 " bore hole
Formation : Soft/ hard
Flushing hole dia : 130mm
Motor : OMT, OMV Series

Max torque : 0 - 5000 nm
Max RPM : 0 - 166 Rpm
Mounting : Truck
Gearbox weight : 310 Kg's

SMS XL JUNIOR - RHG101

Application : Waterwell Drilling
Drilling method : DTH/ MUD
Diameter : 4 1/2" Dia Bore Hole
Depth : 200 mtr @ 4 1/2" Bore hole
Formation : Soft/ hard
Flushing hole dia : 85mm
Motor : OMT, OMV Series

Max torque : 0 - 1200 nm
Max RPM : 0 - 200 Rpm
Mounting : Robo Vehicle, Mini Rig
Gearbox weight : 120 Kg's



SMS II SUPER - RHG103



Application : Waterwell Drilling
Drilling method : DTH/ MUD
Diameter : 6" to 8" Dia Bore Hole
Depth : 200 mtr @ 6" Bore hole
Formation : Soft/ hard
Flushing hole dia : 110mm
Motor : OMT, OMV Series

Max torque : 0 - 2600 nm
Max RPM : 0 - 126 Rpm
Mounting : Tractor, Small Drilling Rig
Gearbox weight : 210 Kg's

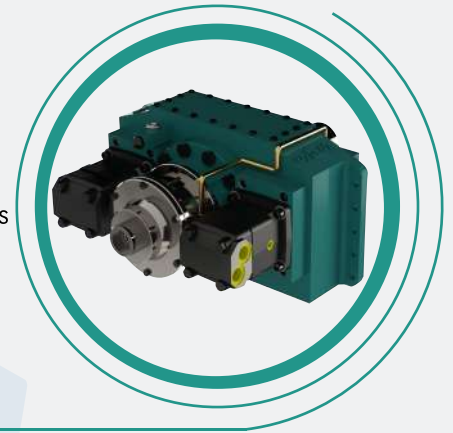




SMS XL HORIZONTAL DOUBLE - RHG104

Application : Waterwell drilling
Drilling method : DTH/ MUD
Diameter : 6 " to 12" Dia Bore Hole
Depth : 600 mtr @ 6 " bore hole
Formation : Soft/ hard
Flushing hole dia : 120mm
Motor : OMT, OMV Series

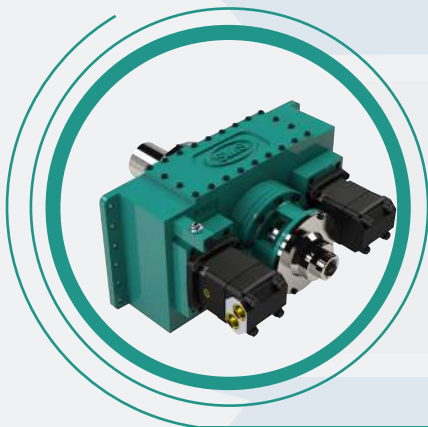
Max torque : 0 - 7000 nm
Max RPM : 0 - 166 Rpm
Mounting : Truck
Gearbox weight : 340 Kg's



SMS Y TYPE HORIZONTAL DOUBLE - RHG105

Application : Waterwell drilling
Drilling method : DTH/ MUD
Diameter : 6 " to 14" Dia Bore Hole
Depth : 700 mtr @ 6 " bore hole
Formation : Soft/ hard
Flushing hole dia : 130mm
Motor : OMT, OMV Series

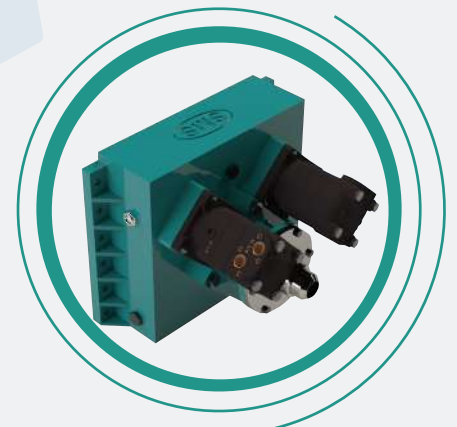
Max torque : 0 - 8000 nm
Max RPM : 0 - 166 Rpm
Mounting : Truck
Gearbox weight : 340 Kg's



SMS VERTICAL DOUBLE MOTOR - RHG106

Application : Waterwell drilling
Drilling method : DTH/ MUD
Diameter : 6 " to 14" Dia Bore Hole
Depth : 700 mtr @ 6 " bore hole
Formation : Soft/ hard
Flushing hole dia : 110mm, 120mm, 130mm
Motor : OMT, OMS, OMV Series

Max torque : 0 - 7000 nm
Max RPM : 0 - 126 Rpm
Mounting : Truck
Gearbox weight : 340 Kg's





MINING ROTARY HEAD



SMS II SUPER Y TYPE - MHG100

Application : Mining/Pilling Waterwell Drilling

Drilling method : DTH/ MUD

Diameter : 6" to 12" Dia Bore Hole

W.D Depth : 500 mtr @ 6" Bore hole

M.D Depth : 100 mtr @ 6" Bore hole

P.D Depth : 50 mtr @ 40" Bore hole

Formation : Soft/ hard

Flushing hole dia : 110mm

Max torque : 0 - 3000 nm

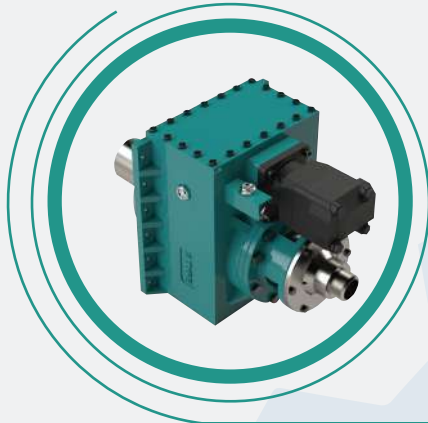
Max RPM : 0 - 190 Rpm

Mounting : Truck

Gearbox weight : 240 Kg's

Motor : OMT, Series

Ratio : 3:1, 2:1



SMS III SUPER Y TYPE - MHG101

Application : Mining/Pilling Waterwell Drilling

Drilling method : DTH/ MUD

Diameter : 6" to 12" Dia Bore Hole

W.D Depth : 600 mtr @ 6" Bore hole

M.D Depth : 100 mtr @ 6" Bore hole

P.D Depth : 50 mtr @ 40" Bore hole

Formation : Soft/ hard

Flushing hole dia : 120mm

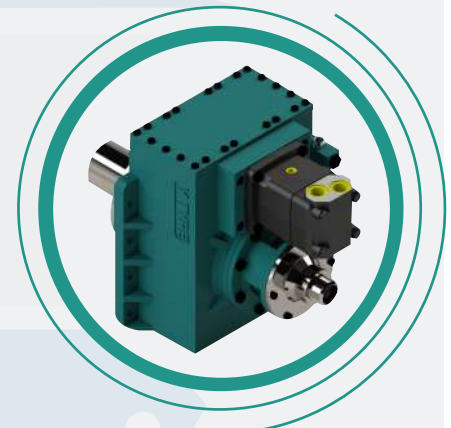
Max torque : 0 - 3400 nm

Max RPM : 0 - 166 Rpm

Mounting : Truck

Gearbox weight : 290 Kg's

Motor : OMV, Series



CORE DRILLING GEARBOX



SMS JUNIOR CORE DRILL - CDG100

Application : Core Drilling

Drilling method : DTH/ MUD

Diameter : 2" to 6 1/2" Dia Bore Hole

Core Drill Depth : 50 mtr to 80 mtr

Formation : Soft/ hard

Flushing hole dia :

Attachment : Integrated Water Swivel Technology

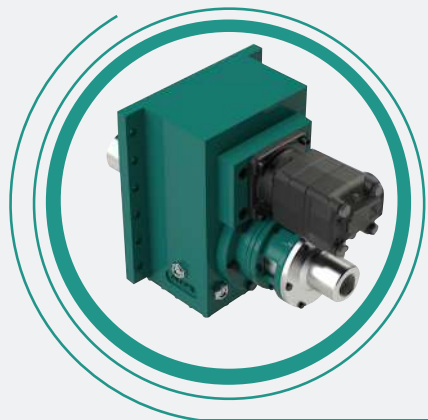
Max torque : 0 - 330 nm

Max RPM : 0 - 1000 Rpm

Mounting : Truck

Gearbox weight : 200 Kg's

Motor : OMT, Series





PUMP DRIVE PTO GEARBOX >>>>

SMS 3 BORE PNEUMATIC - PTO100

Application : PTO

Mounting : Truck Center Joint

Gearbox weight : 175 Kg's

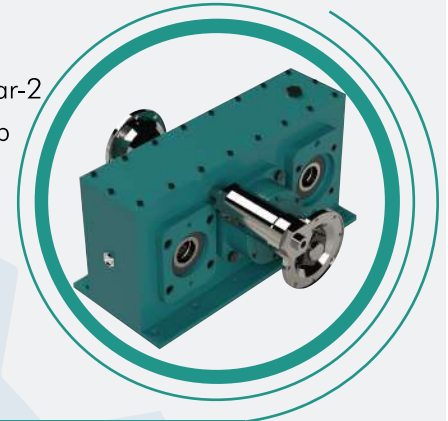
Attachment : Single Acting / Double Acting

Pump Capacity : 2" to 6 1/2" Dia Bore Hole

Gearbox ratio : 1:1.26, 1:1.5 (customisable)

Pump assemble : Front-2- Rear-2

Number of Pumps : 1-4 Pump



TRACTOR 3 BORE 4 PUMP - PTO101

Application : PTO

Pump Capacity : 5-65 GPM

Gearbox weight : 150 Kg's

Gearbox ratio : 1:1.26, 1:1.5 (customisable)

Transmission Type : Direct Transmission

Mounting : E- Comet Type yoke Joint (All tractor models)

Pump assemble : Front-2- Rear-2

Number of Pumps : 1-4 Pump



SMS DYNAMO - PTO103

Application : PTO (Support Vehicle)

Pump Capacity : 5-50 GPM

Gearbox ratio : 1:2 (customisable)

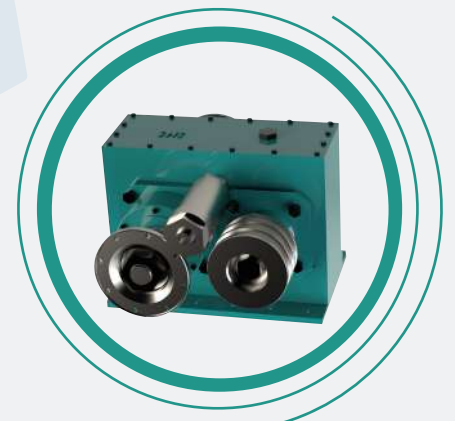
Mounting : Truck Centre Joint

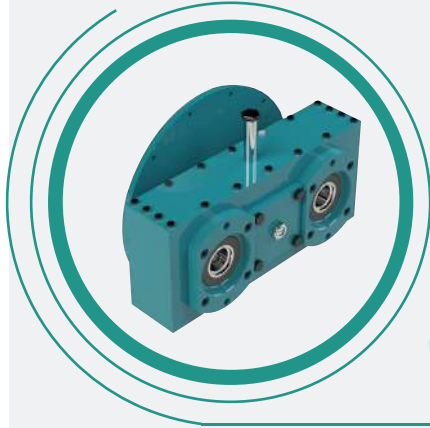
Transmission Type : Pneumatic

Gearbox weight : 133 Kg's

Pump assemble : Front-1

Number of Pumps : 1 Pump





DIRECT ENGINE 2 PUMP DRIVE - PDG100

Application : Pump Drive Gears

Pump Capacity : 5-65 GPM

Gearbox ratio : 1:1, 1:1.6 (customisable)

Mounting : Direct Engine Bell House

Attachment : Oil pump for lub , flywheel

Gearbox weight : 153 Kg's

Engine make : All Type Of Engine Standards

Pump assemble : Front-2

Number of Pumps : 2 Pump

Engine capacity : 120 to 500 hp

Drive : Direct Drive

DIRECT ENGINE 4 PUMP DRIVE - PDG101

Application : Pump Drive Gears

Pump Capacity : 5-65 GPM

Gearbox ratio : 1:1, 1:1.6 (customisable)

Mounting : Direct Engine Bell Housing

Attachment : Oil pump for lub , flywheel

Gearbox weight : 153 Kg's

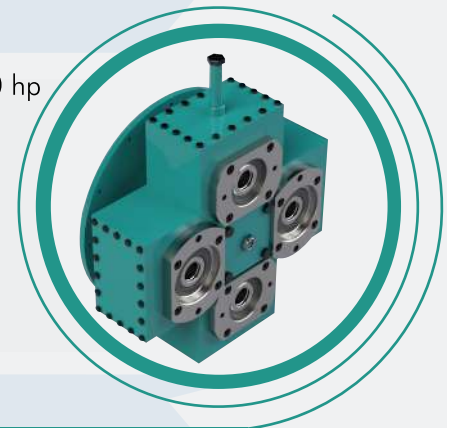
Engine make : All Type Of Engine Standards

Engine capacity : 120 to 500 hp

Pump assemble : Front-4

Number of Pumps : 4 Pump

Drive : Direct Drive



SMS TRACTOR F4 PTO - PDG103

Application : Pump Drive Gears

Pump Capacity : 5-50 GPM

Gearbox ratio : 1:1, 1:1.6 (customisable)

Mounting : Direct Tractor Yoke Joint

Attachment : Oil pump for lub

Gearbox weight : 153 Kg's

Engine capacity : 50 to 200 hp

Pump assemble : Front-4

Number of Pumps : 4 Pump

Drive : Direct Drive





WINCH GEARBOX



SMS JUNIOR WINCH - WG100

Application : Lifting
Pulling Capacity : 800 kg's
Lifting Method : Rope
Mounting : Top Mast
Max RPM : 0 - 86 RPM
Gearbox weight : 40 Kg's
Optional attachment : Coupling, Drum

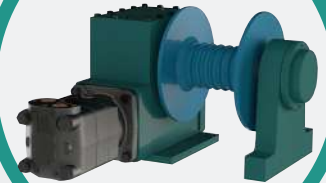
Motor Series : OMP,OMS
Driving Medium : Hydraulic Motor
Maximum Torque : 0-773 nm



SMS HEAVY DUTY WINCH - WG101

Application : Lifting
Lifting Method : Rope
Driving Medium : Hydraulic Motor
Motor Series : OMT
Pulling Capacity : 1600 Kg's
Mounting : Top Mast
Optional Attachment : Coupling, Drum

Max RPM : 0- 21 Rpm
Max Torque : 0- 17100 Nm
Gearbox Weight : 60 Kg's



SMS WINCH 2 SERIES - WG102

Application : Lifting
Lifting Method : Rope
Driving Medium : 2X Hydraulic Motor
Motor Series : OMP, OMS
Pulling Capacity : 1600 Kg's
Mounting : Top Mast
Optional Attachment : Coupling, Drum

Max RPM : 0- 86 Rpm
Max Torque : 0- 1550 Nm
Gearbox Weight : 50 Kg's

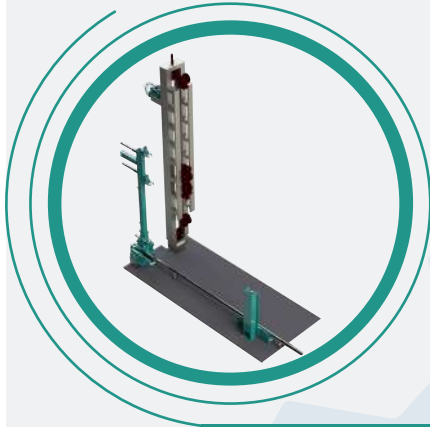




AUTO LOADER UNIT



SMS HEAVY DUTY AUTO LOADER - ALU100



- Auto Rod changing system to handle 6.1 mtr.
- drill pipe with 2 Rod Gripper.
- Cylinder & 1 arm to raise & lower the drill pipe.
- It has equipped Swing option 0-9 for
- Coupling of Drill Rods to the Drill Head.
- A Separate Rod Arm is Provided to feed the.
- The Control for the Rod Changer is controlled
- by PLC System along with Hydraulic Solenoid Valve.
- The Deck has Provision to Accommodate 400 mtrsof Drill Pipes
- Lifting Capacity : upto 1200 Kg's

SPLIT SHAFT PTO GEARBOX



SMS FRONT MOVING - SPG100

Application : Moving Vehicle

Max Torque : 40000nm

Powered By : 2X Hydraulic Motor

Max Rpm : 0-30 Rpm

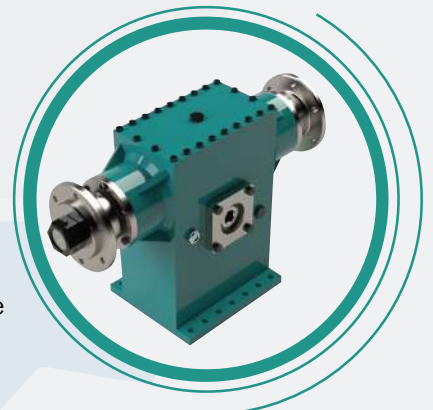
Motor Series : OMV

Gearbox weight : 300 kg's

Driving Capacity : 2500 kg,s

Connection : Can be connect to any vehicle axle

Mounting : 2 Output Joint Is Connected To Left & Right of Vehicle Rear Axle



TRACTOR WOOD SHREDDER - SPG101



Application : Tractor Wood Skin Shredder

Drive : Tractor Engine Direct drive

Ratio : 3.3:1

Tractor Make : Can be Connect To Any Tactor Models

Gearbox Weight : Double acting cylinder





ACCESSORIES



GEARWHEELS AND PINIONS

Gear And Pinions From
Module 1 To 10



SPINDLES



All Types Of Grade Spindles For
Water Well And Mining

ADAPTERS

All Types Of Adapter For
Waterwell And Mining





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sales@smsgears.in

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+91 96293 09211

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