



Construction Machinery & Piling Equipments.

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Established Year 1971

First Company to bring reversible mixer with dial guage & diesel engine

First indigenous company to wholly manufacture three product lines Skid steer loader, Batching Plants, piling tools.

Profile

We introduce ourselves as manufacturers and exporters,

of civil construction equipment including construction machinery

like Skid Steer machine with various attachments Trencher, Auger, Rock breaker, Piling Rigs and many more. We also manufacture concrete mixers, Mobile Batching Plant, Piling Equipment Etc.

The Quality Management System has been introduced to each stage of production in order to ensure highest quality products for our elite clients

Gamzen is one such organization that explores new horizons of mechanical engineering for various market segments of construction business.

All our products are very well accepted in both Indian and international markets. We have also exported Equipment to different parts of the Globe like Srilanka, Bhutan, Tanzania, Africa etc.

The company has served its best to the construction world in the past decades and it will execute the same till generations. With many years of business company has experienced dynamic international trading and gained its reputation, business, volume.

We Have Four Manufacturing Units In India. MUMBAI PANVEL UTTARAKHAND – I UTTARAKHAND-II









UNIT NO. 1 MUMBAI

UNIT NO. 2 PANVEL

UNIT NO. 3 UTTARAKHAND

UNIT NO. 4 UTTARAKHAND

Index

Description	Page Nos
90 / 120 / 240 Twinshaft	1-2
90 / 120 Drum	3-4
60 Twinshaft and Drum	····· 5-6
60 / 45 / 30 Pan Type	····· 7-8
30 / 60 Twinshaft and Drum	····· 9-10
20 / 30 / 40 Twinshaft and Drum	11-12
Reversible Drum type mini mobile batching plant	13
Conveyor systems / Walk behind loader	14
Skid Steer & attachments	15-18
Beach Cleaning Machine	19
T M M / RRV	20
Winches / Concrete Buckets / Grabs	21-22
Services	23







Technical 90 / 120 / 240 Twinshaft.

Model	G-90 T	G-120 T	G-240 T
Concrete Output/Hr	90 M3	120 M3	240 M3
Aggregate Storage System In-Line-Bin	YES	YES	YES
Aggregate Storage Capacity Heaped	40 m3	60 m3	120 m3
Sand Vibrator	1 NOS	1NOS	1 NOS
Aggregate Weighing System	YES	YES	YES
Weighing Hopper	YES	YES	YES
Electronic Load Cell	6 NOS	6 NOS	6 NOS
Charging Conveyor	YES	YES	YES
Mixer Unit	YES	YES	YES
Туре	Twin Shaft	Twin Shaft	Twin Shaft
Capacity	2250/1500	4500/3000	9000/6000
Interchangeable Liner Plate	YES	YES	YES
Cement/Fly Ash Weighing System	YES	YES	YES
Cement/Fly Ash Hopper	YES	YES	YES
Electronic Load Cell	YES	YES	YES
Cement Vibrator	1 NOS	1 NOS	1 NOS
Cement Screw Conveyor	YES	YES	YES
Pneumatic System	YES	YES	YES
Air Compressor	10 HP	10 HP	15 HP
Water Weighing System	YES	YES	YES
Admixture Weighing System	YES	YES	YES
Weighing Container	YES	YES	YES
Load Cell	YES	YES	YES
Fully Automatic Control Panel With Computer & Printer Control Cabin	YES	YES	YES
Connected Load for Standard Plant-hp	160	285	500
Required DG Set KVA	200	375	625

- ► Robust and steady structure made for longer durability & Protection from corrosion
- ► Higher accuracy because of higher capacity & more number of load cells
- ► Feeders screen to protect oversized aggregate & Sand
- ► No partition wall required which saves the civil work and cost
- ▶ MPCB are provided for all electric motor safety
- ► Cover is provided to every electrical motor for Protection against dust & water
- ▶ Pneumatically operated gate for aggregate & sand
- ▶ Vibrators for easy discharge
- ➤ Screw feeders to pour cement speedily, hence increasing productivity
- ▶ Password locking facility
- ► Control cabin
- ▶ Water & admixture by weight
- ▶ Print out port for each batch report
- ► Imported twin shaft mixer
- ▶ Separate weighing system for cement & fly ash
- ► Cement silo with accessories (Optional)
- ► Fully automated PLC control system with SCADA



Technical 90 / 120 DRUM

Model	G-90 D	G-120 D
Concrete Output/Hr	90 M3	120 M3
Aggregate Storage System In-Line-Bin	YES	YES
Aggregate Storage Capacity Heaped	40m3	60m3
Sand Vibrator	1 NOS	1NOS
Aggregate Weighing System	YES	YES
Weighing Hopper	YES	YES
Electronic Load Cell	6 NOS	6 NOS
Charging Conveyor	YES	YES
Mixer Unit	YES	YES
Туре	Reversible	Reversible
Capacity	2700/1800	4500/3000
Interchangeable Liner Plate	NA	YES
Cement/Fly Ash Weighing System	YES	YES
Cement/Fly Ash Hopper	YES	YES
Electronic Load Cell	2 NOS	2 NOS
Cement Vibrator	YES	YES
Cement Screw Conveyor	YES	YES
Pneumatic System	YES	YES
Air Compressor	10 HP	10 HP
Electronic Load Cell	YES	YES
Admixture System	YES	YES
Weighing Container	YES	YES
Capacity	10 LTR	20 LTR
Load Cell	YES	YES
Connected Load for Standard Plant-hp	125	190
Required DG Set KVA	156	250

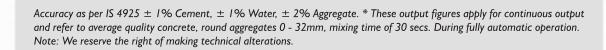
- ▶ Fully automated PLC control system with SCADA
- ► Robust and steady structure made for longer durability & Protection from corrosion
- ► Screw feeders to pour cement speedily, hence increasing productivity
- ▶ Pneumatically operated gate for aggregate & sand
- ► No partition wall required which saves the civil work and cost
- ► Feeders screen to protect oversized aggregate & sand
- ▶ MPCB are provided for all electric motor safety
- ▶ Easy maintenance and low running cost
- ► Cover is provided to every electrical motor for Protection against dust & water
- ▶ Vibrators for easy discharge
- ► Cement Silo with acessories (optional)
- ► Control Cabin
- ▶ Water & admixture by weight
- ▶ Print out port for each batch report
- ► Higher accuracy because of higher capacity & more number of load cells.
- ► Password locking facility
- ▶ Separate weighing system for cement & fly ash



Technical 60 Twinshaft and Drum

Model	G-60 D	G-60 T
Concrete Output/Hr	60 M3	60 M3
Aggregate Storage System In-Line-Bin	YES	YES
a. Aggregate Storage Capacity Heaped	20 m3	20 m3
b. Sand Vibrator	YES	1NOS
Aggregate Weighing System	YES	YES
a. Weighing Hopper	YES	YES
b. Electronic Load Cell	6 NOS	6 NOS
Charging Conveyor	YES	YES
Mixer Unit	YES	YES
a. Type	Reversible	Twin Shaft
b. Capacity	1800/1200	1500/1000
Interchangeable Liner Plate	NA	YES
Cement/Fly Ash Weighing System	YES	YES
a. Cement/Fly Ash Hopper	YES	YES
b. Electronic Load Cell	2 NOS	2 NOS
c. Cement Vibrator	YES	YES
Cement Screw Conveyor	YES	YES
Pneumatic System	YES	YES
a. Air Compressor	7.5 HP	7.5 HP
Electronic Load Cell	YES	YES
Admixture System	YES	YES
a. Weighing Container	YES	YES
b. Capacity	10 LTR	10 LTR
c. Load Cell	YES	YES
Connected Load for Standard Plant-hp	65	110
Required DG Set KVA	100	156

- ▶ Special design one piece structure
- ► Robust and steady structure made for longer durability & protection from corrosion
- ► No partition wall required which saves the civil work and cost
- ► Feeders screen to protect oversized aggregate & Sand
- ► MPCB are provided for all electric motor safety
- ▶ Quick erection and commissioning
- ► Easy maintenance and low running cost
- ► Cover is provided to every electrical motor for Protection against dust & water
- ▶ Vibrators for easy discharge
- ▶ Pneumatically operated gate for aggregate & sand
- ► Password locking facility
- ▶ Water & admixture by weight
- ► Cement silo with accessories (optional)
- ► Control cabin
- ▶ PLC control system with SCADA (optional)









Technical 60 / 45 / 30 Pan Type

Model	G-30 P	G-45 P	G-60 P
Concrete Output/Hr	30 M3	45 M3	60 M3
Aggregate Storage System In-Line-Bin	YES	YES	YES
Aggregate Storage Capacity Heaped	10 m3	16 m3	20 m3
Sand Vibrator	YES	YES	YES
Aggregate Weighing System	YES	YES	YES
Weighing Hopper	YES	YES	YES
Electronic Load Cell	4 NOS	4 NOS	6 NOS
Charging Conveyor	YES	YES	YES
Mixer Unit	YES	YES	YES
Type-Reversible/Twin Shaft/Pan/Planetry	750/500	1250/750	PAN
Interchangeable Liner Plate	YES	YES	YES
Cement/Fly Ash Weighing System	YES	YES	YES
Cement/Fly Ash Hopper	YES	YES	YES
Electromagnetic Load Cell	2 NOS	2 NOS	6 NOS
Cement Vibrator	YES	YES	YES
Cement Screw Conveyor	1 NOS	1 NOS	YES
Pneumatic System	YES	YES	YES
Air Compressor	3 HP	5 HP	7.5 HP
Water Weighing System Electronic Load Cell	2 NOS	2 NOS	YES
Admixture System	YES	YES	YES
Weighing Container	YES	YES	YES
Load Cell	1 NOS	1 NOS	10 LTR
Capacity	5 LTR	5 LTR	YES
Connected Load for Standard Plant-hp	25/55/55	48/98/108	65
Required DG Set KVA	63/75/75	63/156/156	100

- ▶ Quick erection and commissioning
- ▶ Easy maintenance and low running cost
- ▶ No partition wall required which saves the civil work and cost
- ▶ Minimum installation area & minimum civil work
- ▶ Print out port for each batch report
- ▶ Vibrators for easy discharge
- ► Screw feeders to pour cement speedily, hence increasing productivity
- ▶ Robust and steady structure made for longer durability & protection from corrosion
- ▶ MPCB are provided for all electric motor safety
- ► Cover is provided for all electric motor safety
- ▶ Pneumatically operated gate for aggregate & sand

Accuracy as per IS 4925 \pm 1% Cement, \pm 1% Water, \pm 2% Aggregate. * These output figures apply for continuous output and refer to average quality concrete, round aggregates 0 - 32mm, mixing time of 30 secs. During fully automatic operation. Note: We reserve the right of making technical alterations.

Page 7

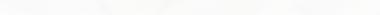
Technical 60 / 45 / 30 Pan Type











Technical 30 / 60 Twinshaft and Drum

Model	G-30 T/D	G-60 T/D
Concrete Output/Hr	30 M3	60 M3
Aggregate Storage System In-Line-Bin	YES	YES
Aggregate Storage Capacity Heaped	20 m3	30 m3
Sand Vibrator	YES	YES
Aggregate Weighing System	YES	YES
Weighing Hopper	YES	YES
Electronic Load Cell	4 NOS	4 NOS
Charging Conveyor	YES	YES
Mixer Unit	YES	YES
Type-Twin Shaft/Pan/Planetry/Drum	YES	YES
Capacity	750/500	1500/1000
Interchangeable Liner Plate	YES	YES
Cement/Fly Ash Weighing System	YES	YES
Cement/Fly Ash Hopper	YES	YES
Electronic Load Cell	2 NOS	2 NOS
Cement Vibrator	YES	YES
Cement Screw Conveyor	YES	YES
Pneumatic System	YES	YES
Air Compressor	5 HP	7.5 HP
Electronic Load Cell	YES	YES
Admixture System	YES	YES
Weighing Container	YES	YES
Capacity	5 LTR	5 LTR
Load Cell	YES	YES
Connected Load for Standard Plant-hp	70/80	125/150
Required DG Set KVA	125/156	165/200

- ► Robust and steady structure made for longer durability & Protection from corrosion
- ► Easy maintenance and low running cost
- Quick erection and commissioning
- ► No Partition wall required which saves the civil work and cost
- ► MPCB are provided to every electrical motor for protection against dust & water
- ▶ Minimum installation area & minimum Civil work
- ▶ Print out port for each batch report
- ► Separate weighing system for cement & fly ash
- ▶ Password locking facility
- ► Screw feeders to pour cement speedily, hence increasing Productivity
- ▶ Vibrators for easy discharge
- ▶ Pneumatically operated gate for aggregate & sand
- ► Cover is provided to every electrical motor for Protection against dust & water
- ► Control cabin
- ► Cement silo with accessones (optional)
- ▶ PLC control system with SCADA (optional)



Technical 20 / 30 / 40 Twinshaft and Drum

Model	G-20 T/D	G-30 T/D	G-40 T/D
Concrete Output/Hr	20 M3	30 M3	40 M3
Aggregate Storage System In-Line-Bin	YES	YES	YES
Aggregate Storage Capacity Heaped	8 m3	10 m3	16 m3
Sand Vibrator	YES	YES	YES
Aggregate Weighing System	YES	YES	YES
Weighing Hopper	YES	YES	YES
Electronic Load Cell	4 NOS	4 NOS	4 NOS
Charging Conveyor	YES	YES	YES
Mixer Unit	YES	YES	YES
Type-Reversible/Twin Shaft/Pan/Planetry	550/350	750/500	1250/750
Interchangeable Liner Plate	YES	YES	YES
Cement/Fly Ash Weighing System	YES	YES	YES
Cement/Fly Ash Hopper	YES	YES	YES
Electromagnetic Load Cell	2 NOS	2 NOS	2 NOS
Cement Vibrator	YES	YES	YES
Cement Screw Conveyor	1 NOS	1 NOS	1 NOS
Pneumatic System	YES	YES	YES
Air Compressor	2 HP	3 HP	5 HP
Water Weighing System Electronic Load Cell	2 NOS	2 NOS	2 NOS
Admixture System	YES	YES	YES
Weighing Container	YES	YES	YES
Load Cell	1 NOS	1 NOS	1 NOS
Capacity	5 LTR	5 LTR	5 LTR
Connected Load for Standard Plant-hp	20/40/40	25/55/55	48/98/108
Required DG Set KVA	50/63/63	63/75/75	63/156/156

- ► Mobile Plant easy for transportation from one site to another (only 20)
- ▶ Quick erection and commissioning
- ▶ Easy maintenance and low running cost
- ► No partition wall required which saves the civil work and cost
- ▶ Minimum installation area & minimum civil work
- ▶ Print out port for each batch report
- ▶ Vibrators for easy discharge
- ► Screw feeders to pour cement speedily, hence increasing productivity
- ▶ Robust and steady structure made for longer durability & protection from corrosion
- ► MPCB are provided for all electric motor safety
- ► Cover is provided for all electric motor safety
- ▶ Pneumatically operated gate for aggregate & sand



Reversible Drum Type Mini Mobile Batching Plant.
500, 750 & 1100 RM / RD electric motor / diesel engine operated





Steel Gear Ring
Hollow Section Frame
Double Reduction
Gear Box

Chassis is made of Hollow Square and rectangular sections. Heavy Duty Gear Box and Timer Control Panel is provided. Digital Water Meter, Ad-Mixture Unit and other options are provided. in case of diesel operated machines, Water Pump is provided which is operated by same engine.

Models		500 RM	750 RM/RD	1100 RM
Out put	cum/hr	9/12	12/15	15/20
Drum Lenght / Drum	mm	1590	1990	2370
Drum Diamter / Motor	mm	1295	1295	1600
Diesel Engine	hp	20 0	20	20/12.5
Electric Motor	hp	7.5	12.5	16/20
Rotary Speed of Mixing Drum	rpm	16/20	16/20	650
Size of Drum Opening	mm	535	535	180
Water Tank	ltrs	180	180	
Pneumatic Wheels		600 x 16	600 x 16	35
Hydraulic Tank	ltrs	14	14	120
Hydraulic Tank (Diesel Engine)	ltrs	120	120	
Dial Calibration	kgs	800	1200	Gear Box
Drive (In RM)		Gear Box	Gear Box	1500
Drum Discharge Height Dial Gauge Mach.	mm	1000	1000	1500
Drum Discharge Height 3 Bin Machine	mm	1500	1500	Digital electronic
Electronic Load Cells		Digital Electronic	Digital Electronic	

1/2/3/4 Bin / Digital Electronic Water Meter / Digital Ad-Mixture Unit / Vibrator and Inbuilt Printer all Optional

Accuracy as per IS 4925 \pm 1% Cement, \pm 1% Water, \pm 2% Aggregate. * These output figures apply for continuous output and refer to average quality concrete, round aggregates 0 - 32mm, mixing time of 30 secs. During fully automatic operation. Note: We reserve the right of making technical alterations.



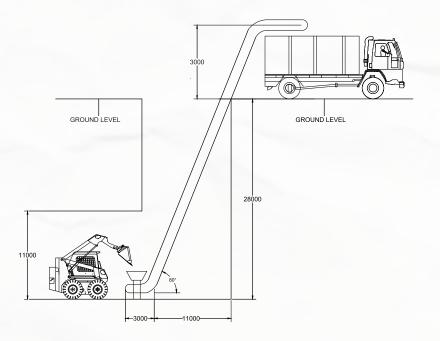


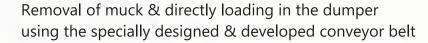


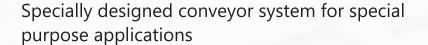


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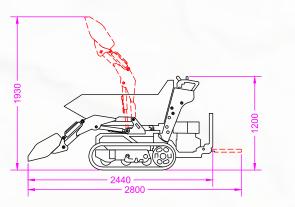
Conveyor Systems & Walk Behind Loader/Mini Loader

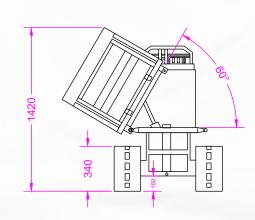


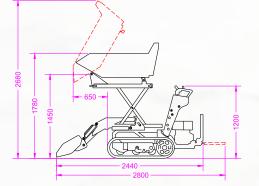




- ► Conveyor belt along with structure can be inclined from 0° deg to 70° deg w.r.to horizontal surface.
- ▶ Suitable capacity of motor & gear box provided
- ▶ All structural component duly oven baked painted after the short blasting process.
- ► Conveyor capacity can vary from 0-40 cub/hr with a vertical lift in shortest distance











Model	800
Engine	13.5hp, Petrol / Diesel Engine
Capacity	800 kg
Dimension	226*75*114 (cm)

1000
13.5hp, Petrol / Diesel Engine
1000 kg
107*75*45* (cm)

Model	1200M
Engine	13.5hp, Petrol / Diesel Engine
Capacity	1200 kg
Dimension	167*95*42(cm)

Page 13

Page 14

Skid Steer

Dimensions			5050	5050 with Extension Bucket	8080
Overall operating height (to top of bucket)	А	mm	3870	4131	4128
Overall operating height (to hinge pin)	В	mm	2970	2970	3225
Overall Height	С	mm	2025	2025	2055
Overall Length (with bucket)	D	mm	3270	3519	3509
Overall Length (without bucket)	Е	mm	2560	2560	2777
Overall Width	F	mm	1690	1690	1886
Tread Width (or track gauge)	G	mm	1330	1330	1502
Wheel Base (or Length of track on ground)	Н	mm	1045	1045	1181
Ground Clearance	J	mm	174	174	195
Dump Angle	K	degree	42	42	38
Dump Height	L	mm	2236	3274	2532
Dump Reach	М	mm	608	917	544
Rollback at ground	Ν	degree	23	23	26
Turn circle front (Without bucket)	Q	mm	1234	1234	1304
Turn circle front (with bucket)	R	mm	1958	1958	2128
Turn circle rear	S	mm	1490	1490	1641
Overall width (without bucket)	Т	mm	1603	1603	1790
Departure angle	U	degree	24	24	26
Tyre (4 Wheel)			10 x 16.5 - 10PR	10 x 16.5 - 10PR	12 x 16.5 - 12PR

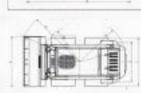
Performance				
Engine		Hyundai/Cummins	Hyundai/Cummins	Cummins
Rated operating capacity	kg	850	730	1140
Tipping load	kg	1680	1680	2280
Operating weight	kg	2680	2680	3320
Travel speed	km/h	11.0	11.0	11.5
Bucket capacity (Heaped capacity)		0.5m ³	0.5m ³	0.7m ³

Note: We reserve the right of making technical alterations.





















Skid Steer

* Cutter chain fitted with wear resistant picks to achieve maximum performance with minimum wear costs



* Neat, clean and effective trenching for hard strata & difficult conditions











Skid Steer & Attachments

















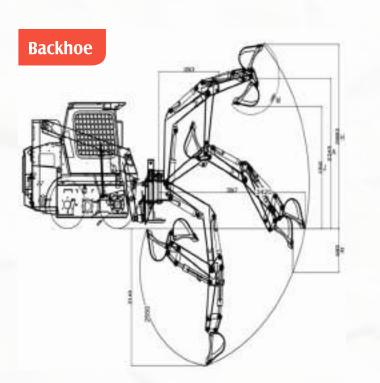


Backhoe

DITCH BUCKET

SPECIFICATIONS		
Dimensions		
Weight of backhoe with bu	ıcket	700kg
Transport height		2439mm
Outrigger width		1445mm
Max. digging depth		2550mm
Overall operating height, f	ully raised	2883mm
Dump Height		1910mm
Dump reach		1263mm
Bucket rotation		195degree
Reach from swing pivot		3420mm
Swing arc.		180degree
Outrigger spread operating	g position	1325mm
Straight wall digging dept	า	685mm
Max. breakout force		16.55km
Backhoe Bucket	300mm/450	mm/600mm/650n





Skid Steer & Attachments

















Rock Bucket





SWEEPER



TREE CUTTER



VIBRATORY ROLLER

PD VIBRATORY

Technical Specification

- ► Grader Blade Length -8 Feet Long Standard / 10 Feet Optional
- Front Blade 5 Feet Blade Attached to Scarifier (Optional)
- ▶ Grader Blade Can Tip in Full Angle Position - 6'9".
- ► Scarifier 3 Nos. Scraper Come
- Grader Blade Vertical Travel 16"
- ▶ Blade Angle 28 Both Directions
- Turning Radius Approx. 23.5 Meters
- Grader Blade Side Shift 24"
- ► Grader Blade Height 15"
- ► Tyre Size 10 x 16.5 (6 Nos.)
- ► Cabin ROPS





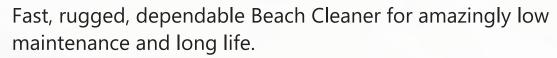
Grader



Beach Cleaning Machine







Compact size and "Power-delivered-to-the-screen"

Hydraulic system to power a shifting screen so intensely that it makes fast Routine Cleaning and deep down Beach Sanitizing.

Maintaining a cleaner, safer beach quickly and with much lower operating costs than any other beach cleaner.

Lift and Screen method reduces bacteria while removing all debris larger than the screen hole size, such as cigarette filers, broken glass, stones, trash, tar balls and seaweed.



Model GB-1800

Item Description	Data
Cleaning Width	1800 mm
Cleaning Depth	150 mm
Hopper Capacity	1.8 Cub/meter
Dump Height	2500 mm
Individual Replaceable Tines Provided	Yes
Frame and body Parts galvanised	Yes

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TMM (Track Maintenance Machine) / RRV (Road Rail Vechile)

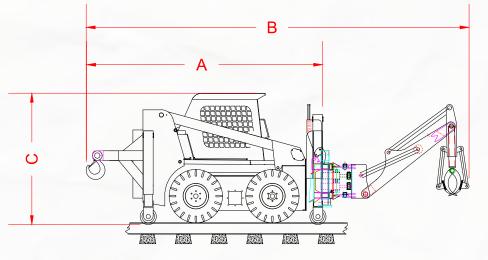








- ► The T.M.M can be operated simultaneously on track and off track as per requirement.
- ► Handling of sleeper and old railway tracks from one place to another can be done very easily.
- ▶ The T.M.M can be adjusted as per your track gauges



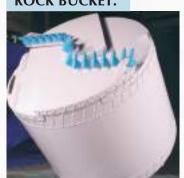


SOIL AUGER

Drilling Tools For Rotary Rigs.



DOUBLE DOOR ROCK BUCKET.



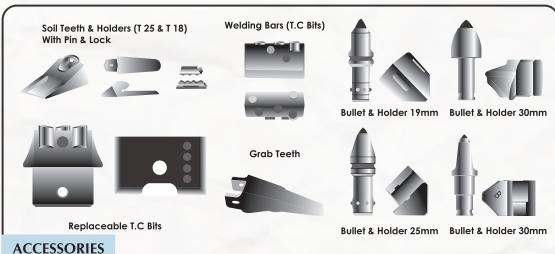


ADAPTER









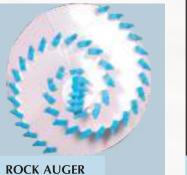












GAMZEN

Piling Winches & Accessories. 2.5t, 5.0t, 7.5t, 10t, 12.5t



Concrete Buckets 0.5 - 6m Capacity With Pneumatic Door.



Type	2.5T	5.0T	7.5T	10.0T	12.5T	
No. Of drum	1 OR 2					
Wire rope	18mm	28mm	32mm	32mm	32mm	
H.P. Required	40	50	90	65	120	
Note: We reserve the right of making technical alterations.						

D.M.C. Chiesels - D.M.C Rods - Bentonite Funnels - R.m.c Chiesels.





Orange Peel Grab

Diaphragm Wall Grab

Sludge Pumps - Casing of all sizes & all types - Tripods - Chisels - Trimmie Hoppers - Pipes

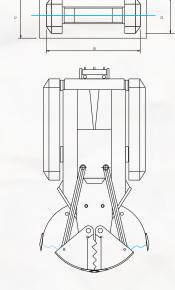
Panel 2500

ACCESSORIES

Panel Width x Length	Α	В	С	D	Weight
500 X 2500	2400	2500	500	470	7110
600 X 2500	2400	2500	600	570	7220
800 X 2500	2400	2500	800	770	7350
1000 X 2500	2400	2500	1000	970	7510
1200 X 2500	2400	2500	1200	1170	7720

Panel 3000

Panel Width x Length	Α	В	С	D	Weight
600 X 3000	2900	3000	600	570	11790
800 X 3000	2900	3000	800	770	12410
1000 X 3000	2900	3000	1000	970	13120
1200 X 3000	2900	3000	1200	1170	13600
1500 X 3000	2900	3000	1500	1470	14110









Page 21

Page 22

Engineering Services

OVERHEAD CABLING

Gamzen takes up, on turn key basis the end to end solutions for aerial cabling which includes drilling and foundation of poles, pole erection, and cabling.

Complete process is done by Gamzen machines.





UNDERGROUND CABLING

Gamzen equipments on lease

supplying the machines on long term lease.

Gamzen takes over the complete project of underground cable installation. It includes trenching in the rocky condition, different types of soil condition and on concrete roads. This job is carried out with the help of trenching equipments manufactured by Gamzen.

We provide various construction machineries on lease. It includes batching plants upto 240 cum/hour, skid steer loader and various skid steer attachments. Gamzen undertakes the operation as well as the maintenance of the above-stated machines. The company aims at

meeting the demands of construction and real estate industry by







GAMZEN

Miscellaneous



















