

Dear Sir

we want to take the opportunity and wish all our clients and their family a **Merry Christmas and a Happy New Year**
We still have a link on our website to donate food just by clicking it costs absolutely nothing and will help - do so instead sending Christmas Cards
Thank you.

With circular - the last one this year - did we do some sharp price reduction with some units. Also we have add a cementplant which might be of interest.

Subject to prior sale we can offer

Cement Plant - One Million Metric Tonnes Per Annum

CEMENT PLANT One Million Metric Tonnes Per Annum

•The plant consists of Primary Crushers, Secondary Crushers, Impacters and Screens.Clinker Plant consisting of 5 Kilns, working on Dry Process.Cement Grinding plant and a packing plant . Plant will be supplied at sellers cost only after providing current (2007) technology /upgrades

–New Electricals (50 / 60 Hz operation available at buyers option)
w electronics and computerised operational capability

–New combustion equipment

–New Instrumentation

–Written guarantee for satisfactory working of the plant

•Capacity:One Million MT Per year of Ordinary Portland Cement

•Location:

•Manufacturer : Allis Chalmers / Fuller

•Year of Mnfr:1975

•Year of Idling: 1982

•Fuels handled: Coal, Gas, & Oil

•Process:Dry Process

•Condition:Excellent.

•Residual life:50 years (estimated subject to satisfactory maintenance and proper usage)

•Engineering :Full set of plant Engg drawings and details are available at no extra cost.

•CIF Price *:

–Complete Plant US\$ 27.5 Million *

–Clinker plant only US\$ 23.5 Million *

•Erection & commissioning:

–Not Included

•Operational Management:

–Prices available on request

•Reason for sale :

–The equipment was manufactured in 1975. New capacity was added in 1982 by way of installation of a new single Super Kiln . The older plant was kept as a standby plant to cater to additional swing load. The plant

under offer has been routinely cleaned and maintained to keep it in a state of readiness for production. the equipment has been sold to make place for expansion at existing site.

•Equipment details:

–Provided . *

Inspection:

–Prospective buyers may visit the plant in USA with prior appointment. Invitation letters can be arranged to assist in getting a visa.

–At Sellers Cost.

•Guarantees:

–15% of payment due to seler may be retained by buyer in an interest bearing escrow account payable after comissioning of the plant.

•Payment:

–By Irrevocable Letter of Credit / Wire Transfer

•Cost of an Equivalent new plant from same manufacturers will be approximately US\$ 180 Million .

- We can also provide all necessary Engineering and support for erection and commissioning of the plant.

- Our support partners are approved by World Bank , IFC Washington, ICICI, IDBI etc.

* The price includes dismantling, upgrading to current technology and also shipping.

Complete plant will be shipped approx. within 6 months after dismantling and another 6 months to get it up and running after upgrading at site.

Site preparation to receive the plant, erection, commissioning and utilities planning at site are buyer's responsibility.

The seller also offers a monetary bank guarantee on satisfactory working.

Refurbished One Million TPY Cement Plant

Allis Chalmers / Fuller

x Capacity 1,000,000 (One Million) TPY of OPC (Ordinary Portland Cement)

x YOM 1975

x Year of Idling 1982

x Fuels handled Coal, Gas & Oil

x Process Dry Process

x Condition Excellent

x Location Bakersfield .California. USA

x Residual Life 50 years (estimated subject to satisfactory maintenance and proper usage)

x Engineering Full set of Plant Engineering drawings and details, available at no extra cost.

Background for sale :

x The equipment was manufactured in 1975. New capacity was added in 1982 by way of installation of a new single Super Kiln. The older plant was kept as a standby plant to cater to additional swing load.

x The plant under offer has been routinely cleaned and maintained to keep it in a state of readiness for production.

x Equipment to be sold to make place for expansion at existing site.

x Secondary Crushers

x Impacters and Screen

x Clinker Plant consisting of 5 Kilns, working on Dry Process

x Cement Grinding Pant and a Packing Pant.

Plant will be supplied at sellers cost only after providing current (2007) technology/upgrades x New Electricals (50/60 Hz operation available at buyers option) x New electronics and computerized operational capability x New combustion equipment x New Instrumentation x Written guarantee for satisfactory working of the plant

Option I (Complete Plant) : POR

Option II (Clinker Plant only) : POR

x Erection & commissioning : Not Included. POR

x Operational Management : Prices available on request

x Equipment details : To be provided separately

x Inspection : Prospective buyers may visit the plant with prior appointment. Invitation letters can be arranged to assist in getting a visa.

x Shipping : At Seller's Cost

x Guarantees : 15% of payment due to seller may be retained by buyer in an interest bearing escrow account payable after commissioning of the Plant.

x Payment : By Irrevocable Letter of Credit / Wire Transfer

x Cost of an equivalent new Plant from same manufacturers will be approximately U\$195 M

x Also provided : all necessary Engineering and Support for Erection and Commissioning of the Plant.

x Support partners are approved by World Bank, IFC Washington, ICICI, IDBI etc

Equipment list

Equipment Description
Screening Jeffery 5' 0" x 11' 6" vibrating feeder Allis-Chalmers 5' 0" x 14' 0" style "B"
Screen AC 15 HP-1800 RPM Motor-Frame #326-Type ARZX 5.6" PD--7B- Bore 1 5/8" Dia.-
KS & SS-3/8" x 3/16" Drive sheave 11" PD-7B-3 1/2" Bore Driven Sheave Robbins 6' x 0" x
14' 0" Screen G.E. 15HP-1800 RPM Motor- Type- KG- Frame #326 w/base 9" PD-5C-Bore- 1
5/8"-KW 3/8" x 3/16"-Dodge Taper-Lock 5C-105 V-Belts Sterns 48" x 60" Magnetic Separator
Norblo Automatic Bag Type Dust Collector Size #234A Norblo #40 Type HS Exhaust Fan
Arrangement 8A, CW Rotation, Top Horizontal Disch. G.E. 15HP-T.E.P.C.-Tri-clad Motor-Fr #
284 U- 1800RPM-400v-60c-3PH-Type K w/rails 11" PD-2C-Bore-1 5/8" Dia,- KS & SS- 3/8" x
3/16" Drive Sheave 13" PD-2C-1 11/16" Dia- KS & SS- 3/8" x 3/16" Driven Sheave Norblo #8
Flap Trap Valves Norblo Automatic Bag Type Dust Collector #390-A Norblo #55 Type HS Exh.
Fan- Arrangement 8A, CW Rotation, TopHorizontal Disch. G.E. 25HP-T.E.F.C. Tri-clad Motor-
Fr #365- 1800RPM-440v-60c-3PH- Type K w/rails 9.4" PD-3C-Bore- 1 7/8" Dia,- KS & SS-
1/2" x 1/4" Drive Sheave 16" PD- 3C-Bore- 2 3/16" Dia- KS & SS- 1/2" x 1/4" Driven Sheave
Norblo #8 Flap Trap Valves

Screen Conveyor

Bucket Elevator

Cement Silos Fuller Rotary Feeders 16" x 16" TE Type "A" Varidrive 2HP Motors-Type
VEVGD-Frame #23-225-30 Assy #2B-48.5/6.9 RPM 12T-5.796" PD-RC120- Bore- 1 3/4" Dia.-
HS & SS- 3/8" x 3/16" Type B Hub Drive Sprocket 36T-17.211" PD-Shear Pin Hub (9000#
Break Load)- Bore- 2 1/2" Dia.- KS & SS- 5/8" x 5/16" Driven Sprocket RC-120 x 54 Pitch
Chain 14" x 14" Fuller Rotary Valves

All items listed below are one of five required for each Kiln in operation

Fan Drives for Coolers G.E. Motor-100HP-Type K- 1200RPM- 440v-60c-3PH-T.E.F.C.-Fr #
6325S w/slide base 14.5" PD-Central Hub-7 Groove for size "D" Belt-Bore- 3 3/8" Dia-KS &
SS 7/8" x 7/16" V-Belt Sheave 14.5" PD-Central Hub-7 Groove for size "D" Belt-Bore- 3
15/16" Dia- KS & SS 1" x 1/2" V-Belt S

Chunck Breaker Motors G.E. Motor-15HP-Type K-1200 RPM-440v-60c-3PH-T.E.F.C.- Fr #
364 w/base to suit

Cooler Drive Motor G.E. Motors-Type K-10HP-1800RPM-T.E.F.C.-440v-60c-3PH- Frame
#256

Fuller Clinker Cooler Fuller Company Clinker Cooler #741 10 degree with accessories per
mfg. Spec

Merrick Weigh/ton meter 24" WSS Weightometer w/Motor Drives, Hot Lump Belts,
Intergreating Mechanism and Test Chain for op. 44v-60c-3PH. One LH Assy-One RH Assy

Kiln Nose Ring Buffalo Type "BL" Fan-Limit load Fan #365-SWSI Up-blast-CCW Rotation

Buffalo Type "BL" Fan-Limit load Fan #365-SWSI Up-blast-CW Rotation 94" PD- 2 Groove-

Size "B"- Bore- 1 3/16" Dia.- KS & SS- 1/4" x 1/8" Central Hub-Vee Belt Sheave 62" PD-2

Groove-Size "B"- Bore- 1 1/8" Dia.-KS & SS- 1/4" x 1/8" Central Hub- Vee Belt Sheave G.E.

Motor-5HP-Type K-T.E.F.C.- Frame #215 w/base- 440v-60c-3 Ph.- 1800RPM

16" Drag Conveyor G.E. Motor- Type K-10HP-T.E.F.C.- 600RPM- 440v-60c- 3PH- Frame
#405

KD-1 thru KD-5 Waldron Coupling #2A-Bores- 2 1/8"- KS- 1/2" x 1/4" & 1 1/2"- KS-3/8" x
3/16"

Pacific Western #D-54-45.4 Ratio- Assembly #2 Speed Reducer

Pacific Western D-54-B-L.H. Assembly Base Plate

13T- 2 1/2" Pitch-Type B-10.447" PD- Bore- 3 1/2"- KS & SS 7/8" x 7/16" & 3 1/2"

Thru

Bore Sprocket 38T- 2 1/2" Pitch-30.275" PD-w/Shear Pin Hub for chain pull of 6050#--
Bore- 4 15/16"KS & SS- 1 1/4" x 5/8" Sprocket #RC 200-94 Pitches Chain 9T- 9" Pitch-
25.3125" PD-Bore- 4 15/16" Dia- w/ (2) 3/4" SS #SD-21 Kensington Steel Co. Sprocket 4
15/16" Dia. X 4' 8 1/2" lg. W/ 1 1/4" x 5/8" KW (4140 Stl) shaft Dodge Timken Spec. Duty 4
15/16"- Type D- Pillow Block Dodge Timken Spec. Duty 4 15/16"- Type S-1- Pillow Block 8"
Dia -Bore-1 15/16" - w/ (2) SS Return Idler 1 15/16" Dia x 2' - 10 1/2" lg CRS Shaft Dodge
Timken Spec. Duty- 1 15/16"- Type D Pillow Block Dodge Timken Spec. Duty- 1 15/16"- Type
S-1 Pillow Block 22" Dia.- Single Flange- Pattern #92023A Tail Shaft Idlers 3 7/16" Dia. X 3' -
1" lg (4140 Stl) Tail Shaft Dodge Timken Spec. Duty- 2 7/16"- Type D Pillow Block (4 Bolt)
Dodge Timken Spec. Duty- 2 7/16"- Type S-1 Pillow Block (4 Bolt) Dodge Frame Protected
Take-Up Screw- 2 7/16" x 18" Travel C.I. Trough Liners #SD-21-9" x 16"-90 Link Drag Chain

Bucket Elevator G.E. Pacific Gearmotor- 10HP- 84 RPM- 440v- 60c- 3Ph- Type K
TEFC-Frame #15MR

KE-1 thru KE-5 324 G.E. #444 Base 16T- 1.75" Pitch- 8.970" PD- 2 7/8" Bore "B" Hub-KW
3/4" x 3/8" Drive Sprocket 55T- 1.75" Pitch- 30.654" PD- 3 7/16" Bore "C" Hub-KW 7/8" x
7/16" Driven Sprocket #140-92 links Roller Chain 13T- 6.075" Pitch- 25.39" PD- 3 7/16" Dia.
Bore- KW 7/8" x 7/16" Sprocket 3 7/16" Dia. X 3' 11 3/4" lg Shaft Dodge Timken Spec. Duty
Type D- 3 7/16" Head Shaft Take-Up Unit Dodge Timken Spec. Duty Type S-1- 3 7/16" Head
Shaft Take-Up Unit 9T-6.075" Pitch-17.76" PD-Bore- 2 7/16" -"C" Hub- KW- 5/8" x 5/16"
Sprocket 2 7/16" Dia x 2' 10" lg Shaft Dodge Timken Spec Duty Pillow Block-2 7/16" Dia.-
Type D unit Dodge Timken Spec Duty Pillow Block-2 7/16" Dia.- Type S-1 unit #847 CP
Chain-6.075" Pitch 14" x 7" x 11 3/4" Buckets 1' 8" x 4' 0" Boot Section 1' 8" x 4' 0" x 5' 0"
Intermediate Sect. 1' 8" x 4' 0" x 10' 0" Intermediate Sect. 1' 8" x 4' 0" x 5' - 3 1/2" Intermediate
Sect. 1' 8" x 4' 0" Lower Head Section 1' 8" x 4' 0" Upper Head Section

Kiln 12' 0" x 11' 0" x 350' 0" lg Allis Chalmers Rotary Kilns w/motor drive & aux. Engine
drive Trunnion Bearings

Fan & Motor Kiln Feed System Allis Chalmers 350HP- 4160v- 46A- 60c- 3Ph- 880RPM
Motors Buffalo Forge 14" Type "SSLD" Induced Draft Fan w/Inlet Damper Assy & Inlet Boxes
#5 1/2 Fast Coupling- Bores-5 3/4"- KS- 1 1/2" x 1/2" & Bore- 4"- KS- 1" x 1/2"

Kiln & Feed System Tipping Valves & louvres Western Precipitation Co Tipping Valves 36
1/8" x 33 7/8" Buffalo Forge Louvre 44 1/2" x 41 3/4" Buffalo Forge Louvre

Fuller Feeder & Drive 16" x 16" Fuller Feeders-Type A

Varidrive 2HP Motors-Type VEVGD- Frame #23-225-30- Assy 2B 48.5/6.9 RPM

12T- 5.796" PD- Type B Hub- Bore- 1 3/4" Dia- KW & SS 3/8" x 3/16" Drive Sprocket

36T- 17.211 PD- Shear Pin Hub (9000# Break Load)-Bore- 2 1/2" Dia-KW & SS- 5/8"

x

5/16" Driven Sprocket

RC #120-54 Strand Chain

Chunckbreaker Drive G.E. Pacific Gearmotor-2HP-Type K-440v- 60c- 3Ph- TEFC-37 RPM-
#9MRC-184

(Multicone) G.E. Motor Base # 324

11T- #RC-120- Type B- Bore 2 1/8" Dia-KS 1/2" x 1/4" Sprocket

22T- #RC-120- Type C-Bore-2 7/16" Dia-KS- 5/8" x 5/16"

#RC-120-58 pitches Chain

Chunckbreaker Drive G.E. Pacific Gearmotor-2HP-Type K-440v- 60c- 3Ph- TEFC-37 RPM-
#9MRC-184

(Kiln End) 11T- #RC-120-2-Type B-Bore 2 1/8" Dia- KS 1/2" x 1/4" Sprocket

22T- #RC-120- Type C-Bore-2 7/16" Dia-KS- 5/8" x 5/16"

#RC-120-122 pitches Chain

16" Conveyor G.E. Pacific Gearmotor- 5HP- Type K- 440v- 60c-3Ph- TEFC-84 RPM- Frame
#9MRC

H1-S1 thru H5-S1 215 Waldron #3A-Bore-2 15/16" Dia.-KS- 3/4" x 3/8" & 2 1/8" Dia-KS-
1/2" x 1/4" Drive End: 2 15/16" Dia. X 3' -3" lg (4140 stl) Shaft Dodge Timken Spec Duty 2
15/16" Dia Type D Pillow Block Malleable Iron Split Collar 2 15/16" Dia Link Belt #318-9-D-2
15/16" Dia Dust Seal Gland 16" x 11'-8 5/8" lg cut flight screw section 2 15/16" dia x 1' - 2" lg
(4140 stl) Tail shaft Box section w/ spout

H1-S3 thru H5-S3 G.E. Pacific Gearmotor- 10HP- Type K- 440v- 60c- 3Ph-TEFC- 84
RPM- Frame # 15MRC-324 Waldron #3A-Bore-2 15/16" Dia.-KS- 3/4" x 3/8" & 2 7/8" Dia-KS-
3/4" x 3/8" Drive End: 2 15/16" Dia. X 3' 3" lg (4140 stl) (w/ 3/4" x 3/4" x 5 1/2" lg KW) Shaft
Dodge Timken Spec Duty 2 15/16" Dia Type D Pillow Block Malleable Iron Split Collar 2 15/16"
Dia Link Belt #318-9-D-2 15/16" Dia Dust Seal Gland 16" x 7' - 9" RH Screw Section 16" x 8' -

9" RH Screw Section 16" x 9' - 8 5/8" RH Screw Section 2 15/16" dia x 1' - 2" lg (4140 stl) Tail shaft Gudgeons- 2 15/16" Dia x 1' - 2" lg (4140 stl) Mark B-1 Box section Mark B-2 Box section Mark B-3 Box section

20" Conveyor G.E. Pacific Gearmotor- 10/15HP- Type K- 250v- DC-Adj. Speed- 25/100RPM

H1-S2 thru H5-S2 #8 G.E. Motor Rails 19T- #140-Type B-Bore 3 7/8" Dia- KS-1' x 1/2"- 2 1/2" thru Bore 60T- #140- Type C- Bore- 3 7/16"- KS- 7/8" x 7/16"- 4 1/4" thru Bore #RC- 140-96 Pitch Chain Fuller Feeder Constant Head Screw Assy

HD1-S4 thru HD5-S4 GE Pacific Gearmotor- 5HP- Type K- 440v- 60c- 3Ph- TEFC- 84 RPM- Frame #9MRC215 Waldron #2A-Bore-2 1/8" Dia.-KS-1/2 x 1/4" & 1 15/16" Dia- KS- 1/2" x 1/4" Drive End: 1 15/16" Dia. X 1' 8" lg (4140 stl) Shaft Dodge Timken Spec Duty 1 15/16" Dia Type D Pillow Block Malleable Iron Split Collar 1 15/16" Dia Link Belt #318-9-D-1 15/16" Dia Dust Seal Gland 9" Dia x 7' - 10 3/16" lg cut flight RH Screw Section 9" Dia x 11' - 10 3/16" lg RH Screw Section 9" Dia x 11' -9 3/16" lg RH Screw Section 1 15/16" Dia x 1' 5" lg (4140Stl) Shaft Gudgeons- 1 15/16" x 12 1/2" lg (4140 Stl) Box Sections w/covers

HD1-S1 thru HD5-S1 G.E. Pacific Gearmotor- 5HP- Type K-440v- 60c-3Ph- TEFC- 84 RPM- Frame #9MRC215 Waldron #2A-Bore-2 1/8" Dia.-KS-1/2 x 1/4" & 1 15/16" Dia- KS- 1/2" x 1/4" Drive End: 1 15/16" Dia. X 1' 8" lg (4140 stl) Shaft Dodge Timken Spec Duty 1 15/16" Dia Type D Pillow Block Malleable Iron Split Collar 1 15/16" Dia Link Belt #318-9-D-1 15/16" Dia Dust Seal Gland 9" Dia x 7' - 10 3/16" lg RH Screw Section 9" Dia x 11' - 10 3/16" lg cut flight RH Screw Section 9" Dia x 7' - 9 3/16" lg RH Screw Section

1 15/16" Dia x 1' 5" lg (4140Stl) Shaft Gudgeons- 1 15/16" x 12 1/2" lg (4140 Stl) Box Sections w/covers

HD1-S2,S3 thru HD5S2,S3 G.E. Pacific Gearmotor- 5HP- Type K- 440v- 60c-3Ph- TEFC-84 RPM- Frame #9MRC215 Waldron #2A-Bore-2 1/8" Dia.-KS-1/2 x 1/4" & 1 15/16" Dia- KS- 1/2" x 1/4" 1 15/16" Dia. X 1' 8" lg (4140 stl) Shaft Dodge Timken Spec Duty 1 15/16" Dia Type D Pillow Block Malleable Iron Split Collar 1 15/16" Dia Link Belt #318-9-D-1 15/16" Dia Dust Seal Gland 9" Dia x 11' - 10 3/16" lg cut flight RH Screw Section 9" Dia x 7' - 10 3/16" lg RH Screw Section 9" Dia x 8' -5 3/16" lg RH Screw Section 1 15/16" Dia x 1' 5" lg (4140Stl) Shaft Gudgeons- 1 15/16" x 12 1/2" lg (4140 Stl) Box Sections w/covers

Bucket Elevators G.E. Pacific Gearmotor- 10HP- 84 RPM- 440v- 60c- 3Ph- Type K TEFC-Frame #15MR

H1-E1 thru H5-E1 324 G.E. #444 Base 16T- 1.75" Pitch- 8.970"PD-Bore- 2 7/8" Dia- Type B Hub- KW- 3/4" x 3/8" Sprocket 55T- 1.75" Pitch- 30.654" PD- Type C Hub- Bore- 3 7/16" Dia- KW- 7/8" x 7/16" Sprocket #140-92 link Roller Chain 13T-6.075" Pitch-25.39" PD- Type C hub- Bore- 3 7/16"- KW- 7/8" x 7/16" Sprocket 3 7/16" Dia x 3' - 11 3/4" lg shaft Dodge Timken Spec Duty Head Shaft Take Up Unit- 3 7/16" Dia- Type D Dodge Timken Spec Duty Head Shaft Take Up Unit- 3 7/16" Dia- Type S-1 9T-6.075" Pitch-17.76" PD- Type C Hub- Bore- 2 7/16" Dia- KW- 5/8" x 5/16" Sprocket 2 7/16" Dia x 2' 10" lg Shaft Dodge Timken Spec Duty Pillow Block-2 7/16" Dia- Type D Dodge Timken Spec Duty Pillow Block-2 7/16" Dia- Type S-1 #847 CP Chain Plain Links' #847 CP Chain K-2 Links 14" x 7" x 11 3/4" Buckets 1' - 8" x 4' - 0" Boot Section 1' - 8" x 4' - 0" x 8' - 2 1/4" Intermediate Section 1' - 8" x 4' - 0" Intermediate Section 1' - 8" x 4' - 0" Lower Head Section 1' - 8" x 4' - 0" Upper Head Section

HD1-E1 thru HD5-E1 G.E. Pacific Gearmotor- 10HP- 84 RPM-440v- 60c- 3Ph- Type K TEFC-Frame #15MR324 G.E. #444 Base 16T- 1.75" Pitch- 8.970"PD-Bore- 2 7/8" Dia- Type B Hub- KW- 3/4" x 3/8" Sprocket 55T- 1.75" Pitch- 30.654" PD- Type C Hub- Bore- 3 7/16" Dia- KW- 7/8" x 7/16" Sprocket #140-92 link Roller Chain 13T-6.075" Pitch-25.39" PD-Type C hub- Bore- 3 7/16"- KW- 7/8" x 7/16" Sprocket 3 7/16" Dia x 3' - 11 3/4" lg shaft Dodge Timken Spec Duty Head Shaft Take Up Unit- 3 7/16" Dia- Type D Dodge Timken Spec Duty Head Shaft Take Up Unit- 3 7/16" Dia- Type S-1 9T-6.075" Pitch-17.76" PD- Type C Hub-Bore- 2 7/16" Dia- KW- 5/8" x 5/16" Sprocket 2 7/16" Dia x 2' 10" lg Shaft Dodge Timken Spec Duty Pillow Block-2 7/16" Dia- Type D Dodge Timken Spec Duty Pillow Block-2 7/16" Dia- Type S-1 #847 CP Chain Plain Links' #847 CP Chain K-2 Links 14" x 7" x 11 3/4" Buckets 1' - 8" x 4' - 0" Boot Section 1' - 8" x 4' - 0" x 4' - 1 5/8" Intermediate Section 1' - 8" x 4' - 0" Intermediate Section 1' - 8" x 4' - 0" Lower Head Section 1' - 8" x 4' - 0" Upper Head Section

Kiln & Kiln End Housing FRC-1D- Foxboro D/P Cell FRC-1E- Orifice Flange FRC-1F- Orifice Plate FRC-1G- Foxboro Motor Valve FRC-2D- Foxboro D/P Cell FRC-2E- Orifice Flange FRC-2G- Foxboro Motor Valve PRC-1B- Brown Tel O Set Controller PRC-1F-Foxboro Power Cylinder PRC-1G- Foxboro Position Transmitter TRC-1C- Foxboro Power Cylinder TRC-1D- Foxboro Position Transmitter PR-1A- Brown Indicating Furnace Pressure Pneumatic Transmitter TRC-3D- Automatic Temperature Control Drive Unit PRC-2A- Brown Indicating Furnace Pneumatic Transmitter PRC-2C- Foxboro Position Transmitter Ingersoll Rand Model

15 TE- Size 5 x 5 x 3 1/3 x 4, Three Cylinder, single acting, air compressor w/centrifical starting unloader air filter intake muffler, finned intercooler, automatic start and stop control, V-Belt-15HP, 220/440v-60c-3Ph standard open Motor. Induction motor mounted on 120 gallon, size 24 x 66 ASME Air Receiver w/#B-42 Aftercooler, automatic water valve, enclosed Belt guard. Markley Aquatower Model #73- 1/3HP- 440v- 60c- 3Ph- Enclosed Belt Drive, Fan Motor Unit

Kiln End Feed Box

Fuller Valve Dust Collection 14" x 14" Fuller Rotary Valve

Kiln Burner Units Primary Air Blowers U.S. Hoffman Unit- #38602 Direct Conn to 75HP- 440v- 60c- 3Ph

Motor- Frame #444S

4" Rockwell 015" Type- HPBV Std Pilot Operated Gas Pressure Regulator-PSI 150#

Combination Burners per CPCC Drg #C4371

Precipitators Pacific Wester Precipitators

9" Screw Conveyors G.E. Pacific Gearmotor- 5HP- Type K- 440v- 60c-3Ph- TEFC-84

RPM- Frame #9MRC

MD1-S1 215

thru S4 Waldron #2A-Bore-2 1/8" Dia.-KS-1/2 x 1/4" & 1 15/16" Dia- KS- 1/2" x 1/4"

thru MD5-S 9" Drive End:

thru S4 1 15/16" Dia x 1' -8" Ig (4140 Stl) Shaft w/ 1/2" x 1/2" x 4" KW Dodge Timken Spec Duty 1 15/16" Dia Type D Pillow Block Malleable Iron Split Collar 1 15/16" Dia Link Belt #318-9-D-1 15/16" Dia Dust Seal Gland 9" Dia. X 11' - 10 3/16" Screw Drive End RH 9" Dia x 7' -10 3/16" Screw RH 9" Dia. X 11' - 10 3/16" Screw RH 9" Dia, x 11' - 5 3/16" Screw Tail End 1 15/16" Dia x 1' - 5" Ig (4140 Stl) Shaft 1 15/16" Sq. Based Flange Bearing 1 15/16" Dia x 12 1/2" Godegeons (4140 Stl) Screw Boxes w/covers

MD1-S5 thru MD5-S5 G.E. Pacific Gearmotor- 5HP- Type K-440v- 60c-3Ph- TEFC-84

RPM- Frame #9MRC215 Waldron #2A-Bore-2 1/8" Dia.-KS-1/2 x 1/4" & 1 15/16" Dia- KS- 1/2" x 1/4" 9" Drive End: 1 15/16" Dia x 1' -8" Ig (4140 Stl) Shaft w/ 1/2" x 1/2" x 4" KW Dodge Timken Spec Duty 1 15/16" Dia Type D Pillow Block Malleable Iron Split Collar 1 15/16" Dia Link Belt #318-9-D-1 15/16" Dia Dust Seal Gland 9" Dia. X 11' - 10 3/16" Screw Flight Cut RH 9" Dia x 7' -10 3/16" Screw RH 9" Dia, x 11' - 5 3/16" Screw Tail End 1 15/16" Dia x 1' - 5" Ig (4140 Stl) Shaft 1 15/16" Sq. Based Flange Bearing

1 15/16" Dia x 12 1/2" Godegeons (4140 Stl) Screw Boxes w/covers

MD-S1 G.E. Pacific Gearmotor- 10HP- 84 RPM-440v- 60c- 3Ph- Type K TEFC-Frame # 15MR324 Waldron #3A-Bore-2 7/8" Dia.-KS-3/4" x 3/8" & 1 15/16" Dia-KS- 1/2" x 1/4" 9" Drive End: 1 15/16" Dia x 1' - 8" Ig (4140 Ste) Shaft w/ 1/2" x 1/2" x 4" KW Dodge Timken Spec Duty Pillow Block Roller Bearing- Type D Unit 1 15/16" Malleable Iron Split Collar 1 15/16" Dia Link Belt #318-9-D-1 15/16" Dia Dust Seal Gland 9" Dia x 7' - 10 3/16" Screw RH Flight Cut 9" Dia. X 11' - 10 3/16" Screw RH 9" Dia, x 11' - 5 3/16" Screw Tail End 1 15/16" Dia x 1' - 5" Ig (4140 Stl) Shaft 1 15/16" Sq. Based Flange Bearing 1 15/16" Dia x 12 1/2" Godegeons (4140 Stl) Screw Boxes w/covers

MD1-S6 thru MD5-S6 G.E. Pacific Gearmotor- 10HP- 84 RPM- 440v- 60c- 3Ph- Type K TEFC-Frame #15MR324 Waldron #3A-Bore-2 7/8" Dia.-KS-3/4" x 3/8" & 1 15/16" Dia-KS- 1/2" x 1/4" 9" Drive End: 1 15/16" Dia x 1' - 8" Ig (4140 Ste) Shaft w/ 1/2" x 1/2" x 4" KW Dodge Timken Spec Duty Pillow Block Roller Bearing- Type D Unit 1 15/16" Malleable Iron Split Collar 1 15/16" Dia Link Belt #318-9-D-1 15/16" Dia Dust Seal Gland 9" Dia x 8' -10 3/16" RH Ribbon Cut Drive End 9" Dia. X 11' - 10 3/16" RH Ribbon 9" Dia x 8' -10 3/16" RH Ribbon 9" Dia. X 11' - 5 3/16" RH Ribbon Tail End Section 1 15/16" Dia x 1' - 5" Ig (4140 Stl) Shaft 1 15/16" Sq. Based Flange Bearing 1 15/16" Dia x 12 1/2" Godegeons (4140 Stl) Screw Boxes w/covers

Bucket Elevators G.E. Pacific Gearmotor- 10HP- 84 RPM- 440v- 60c- 3Ph- Type K TEFC-Frame #15MR

MD-E1 Thru MD-E5 324 G.E. Base #444 16T-1.75" Pitch- 8.970" PD-"3" Hub- Bore 2 7/8"- KW-3/4" x 3/8" Drive Sprocket 55T- 1.75" Pitch- 30.654" PD- C Hub- Bore- 3 7/16"- KW_ 7/8" x 7/16" Driven Sprocket RC #140-92 links 13T- 6.075" Pitch- 25.39" PD- C Hub- Bore-3 7/16"- KW- 7/8" x 7/16" Head Sprocket 3 7/16" Dia x 3' - 113/4" Ig. Head Shaft Dodge Timken Spec. Duty 3 7/16" Dia. Type D Head Take Up Unit Dodge Timken Spec. Duty 3 7/16" Dia. Type S-1 Head Take Up Unit 9T- 6.075"- 17.76" PD-C HUB- Bore- 2 7/16" Dia-KW-5/8" x 5/16" Boot Sprocket 2 7/16" Dia x 2' - 10" Ig. Shaft Dodge Timken Spec. Duty Type D Unit Pillow Block Dodge Timken Spec. Duty Type S-1 Unit Pillow Block #847 CP 6.075" Pitch Plain Link Chain #847 CP 6.075" Pitch K-2 Links Chain 14" x 7" x 11 3/4" Buckets 1' 8" x 4' 0" Boot Section 1' 8" x 4' 0" x 9' 6 7/8" Intermediate Section 1' 8" x 4' 0" Intermediate Section 1' 8" x 4' 0" Lower

Head Section 1' 8" x 4' 0" Upper Head Section

Rolls Royce RB211

Peebles Generator Brushless 35,000 kVA
Air intake structure (filters will need to be changed)
Turbine fin-fan cooler
Exhaust stack
Air emission monitoring building and equipment
Control system
Two air compressors
Building air conditioner
UPS system
Fuel gas compressor
All MCC and electrical control cabinets and switchgear.
Price 11.5 Million USD

Four GE 7EA's brand new (gas fired)

in crates with stacks and for an extra cost GEA fin-fan coolers.
Cost of CT and stack is 21.9 Million USD each,
ready for delivery.
The fin-fan coolers are \$325 k each.

Three GE 7FA Simple Cycle Power Plant

Capacity: 516 MW at ISO Conditions
Description:
* Three GE 7FA (PG7241) Combustion Turbines
☐ Approximately 450 starts on combustion gear for each CT
☐ Less than 4000 operating hours on any single CT
☐ Dual fuel capable
☐ Inlet evaporative cooling system
☐ CT's built in 2000
☐ Approximate 10,300 Btu per kWh heat rate degraded
* One set of new combustion system spare parts
* 60 Hz Generators rated for 235 kVA
* Liquid fuel skids
* Gas fuel heating system
* Stacks
* Emissions monitoring equipment
* 138 kV Substation
☐ Main Transformers: three 18 kV to 138 kV
☐ Station Transformers: three 138 kV to 4.16 kV
☐ Switchgear for three complete trains (circuit breakers, disconnect switches, etc.)
* For additional cost will perform the combustion inspection services on all three units prior to pickup of the CT's.
Sale Price: 120,500,000 USD

Solar Mars 100

Only 6,000 Hours since overhaul
gas fired
50 hz
10 mw , 11kv
the turbine is from 1997 total 76K hours , stop spring this year
last overhaul at 70k hours

natural gas only , 25 bar
Price 990,000 Euros

LM 2500

new in 1990
began operation in 1991
model 7 lm2500pe-mlwg03 s/n 4 xx- xx 2x
rated output (15 c) 22.6 mw
powerfactor 0.85
output voltage 11 kw
turbine air flow 1200000 cfm egt control 1510f
dual fuel : gas addition was completed in june 2005
control system upgraded to micronet digital (2005)
size 22.95 m (l) x 5.98 m (w) x 9.3 m (h)
total weight 162.2 tons
usage total starts since new 4340
overhaul intervals cold section componens 50000 hours
overhaul history:
2001 overhauled and operated 14000 hours
2004/2005 hot section exchange by ge, and operated ony 684 hoursExhaust not included
PRICE 7.5 Million US\$

Pratt & Whitney model FT-8 27.4 MW 50 hz

in addition to the LM 2500, at the same location
Both the Lm2500 & the FT-8 have exhaust HRSG for sale if interested.

Technical Data – P & W FT 8 Gas Turbine Power Plant

Time since last overhaul 1653 hours
Gas Turbine Model : FT8 Powerpac
Manufacturer : Pratt & Whitney
No. of units : 1
Commercial Operation Date : March 1992
Total Hours Since New : 55093 Fired Hours, 4903 Starts
Time since last overhaul 1653 hours
ISO Rating : 27.404 MW, 35.63 MVA
Heat Rate : 9269 BTU/kW-hr
Control System Manufacturer : GE Micronet (installed January 2005)
Generator Manufacturer : Brush Electrical Machines Ltd, USA
Generator Type : Brushless Excitation, 11.5 kV, 50 Hz
Fuel Type : Dual Fuel (Diesel and Gas)
Year of Manufacture : 1991
Starting System : Air
Water Injection : Installed water injection Nox control system
Current Status : Unit is still installed
The complete power plant is available to be sold including all equipment which is required for electrical generation,

Mobile trailer mounted LM2500's available,

dual fuel,
Price \$16.5 million each.

20 Cummins units

2MW peak,

1.75MW continuous,
diesel, 60 Hz
Price \$ 550k each.

Two (02) Used Power Module Caterpillar XQ2000, rated 1640 kW

Continuous duty, 1825 kW Prime Power and 2000 kW Standby application
@1800 RPM, 60 Hz, 480 volts, 0.8 PF.

Standard Equipment:

- Sound Attenuated ISO 40' ft. Container
- Switchgear Utility Grade.
- 1100 Gall. Fuel tank.
- Free Standing Control Panel and Circuit Breaker.
- Racor Filters
- Dual Axle Trailer
- Cosmetic Touch of Paint
- New Oil Filters, Fuel Filters and Air Filters.
- S/N # BPD 00579 Approx. Hours 700 since new.
- S/N # 7 RN 01657 Approx. Hours 2960 since new.

Sale Price FOB USA..... 580,000 USD each.

Advantage (ESC) 12 Months or 3000 hrs.....\$ 8,500.00

Warranty Prime Power with a \$500 deductible per occurrence.

Terms: 25% non refundable down payment, balance due before ship.

250 MW Oil fired power station.

The plant is unused and in excellent condition
250 MW station comprising a single steam generator/steam
turbine-alternator unit, designed to burn heavy fuel oil.
YOM 1975 and completed in 1979

The sudden unexpected and rapid rise in the price of oil in the 1970's,
and a less than forecast demand for power, a decision
was made to place the station in long term storage.

Maker : Mitsubishi Heavy Industries Ltd, Japan

Serial Number : T-602

Type : Three casing, tandem compound, double flow, condensing, single reheat.

Speed : 3,000 rpm

Nominal Rating : 250,000 kW

Steam Conditions at Turbine Stop Valves -

Pressure : 124 barg

Temperature : 538C

Steam Flow (max) : 748,660 kg/h (786,093 kg/h design)

Number of Extractions : Six (6)

Number of Stages : Fifty-five (55)

Overall Length of Unit : 34 metres

Overall Width of Unit :

8.5 metres Height of unit above

Floor line : 5.0 metres

Design steam conditions are 124 bar gauge and 538C at the turbine stop valves.

Reheat temperature is 538C and the design exhaust pressure is 74 mbar absolute.

The nominal rating of the unit is 250,000 kW at a guaranteed steam flow rate of 748,660 kg/h
through the stop valves at 124 bar gauge main steam pressure and 76 mbar absolute back
pressure.

We understand it cost US \$333 million to construct

Price: US\$ 27 Mill. "as it is" only

A full set of instruction and operation manuals are included Scope available

An Indian Company that specialises in the dismantling and re-assembly of this type of equipment has already visited the site and is familiar with the requirements to relocate it.

6B 2x1x1 Combined Cycle Power Plant:

- Two (2) Hitachi Frame 6B Model PG6541's Gas Turbines with Hitachi Air Cooled Generators (Turbine rotors and combustion liners are currently located at vendor sites)
- Two (2) CT On-Line Compressor Water Systems
- Two(2) Motor Control Center Packages
- One (1) GE Nominal 35 MW Steam Turbine One (1) GE Nominal 40 MW Generator
- STG Woodward Governor Controls
- One (1) STG Vibration Monitoring Panel
- One (1) Used Air Ejection and Vacuum System
- One (1) STG Lube/Hydraulic Oil System
- One (1) GE Prolec GSU
- One (1) Graham Condenser
- One (1) Used Gland Steam Condenser
- One (1) New Gland Steam Condenser
- Used STG Motor Control Centers and Switchgear
- One (1) HRSG Exhaust Stack w/damper
- One (1) HRSG to Stack Expansion Joint
- One (1) EVAPCO Three (3) Cell Cooling Tower
- One (1) 5 kV Aux Transformer
- One (1) 480 V Aux Transformer
- One (1) AquaTech Nominal 1200 GPM Water Treatment Plant
- Two (2) Fuel Gas Valve Cabinets
- Two (2) fuel Gas Filter/Coalescers
- Two(2) Air Inlet Filter House with Associated Ductwork, Silencers and Inlet Air Chilling and Anti Icing Inlet Scope Design Modification.
- Two(2) Simple Cycle Bypass Stacks
- Two(2) Acoustical Equipment Enclosures With CO2 Fire Protection System
- Two(2) Allen Bradley CTG PLC Control Systems with HMI's
- Two (2) Used CT Fin Fan Coolers with Pump House
- Two (2) CT On-Line Compressor Water Systems
- Two (2) Used Hitachi CTG Excitation Systems
- STG Woodward Governor Controls
- One (1) STG Vibration Monitoring Panel
- One (1) Used Air Ejection and Vacuum System
- One (1) STG Lube/Hydraulic Oil System
- One (1) GE Prolec GSU
- One (1) Graham Condenser
- One (1) Used Gland Steam Condenser
- One (1) New Gland Steam Condenser
- Used STG Motor Control Centers and Switchgear
- One (1) 2001 2 Ton GMAC Diesel
- One (1) 2001 8000 Lb Fork Lift
- Miscellaneous Office Equipment and Furniture
- Higgott-Kane CT Exhaust Ducting, Two (2) Dampers & Two (2) Expansion Joints
- One(1) Battery Charger and Associated Batteries
- Two (2) New Basler Excitation Systems w/PSS for CTG's
- One (1) New Basler Excitation System w/PSS for STG
- One (1) New Taurus Protective Relay Panel
- One (1) Used Neutral Grounding Resistor
- One (1) Million Gallon Columbia Tec Tank
- Potable Water System
- EDI UNITS
- New and Existing Pre-Engineered Buildings (Partially and Fully Erected)
- One (1) Diesel Fire Water Pump
- One (1) New Professional Technologies EDI Water Supply Pump

- MECCO USED Distillation Units 1, 2, and 3
- One (1) New Distiller Circulating Water Booster Pump
- One (1) New Distillation Tank and Forwarding Pump Skid
- One (1) New Waste Distillate Tank and Forwarding Skid
- Distillation Heat Exchanger
- Bearing Cooling Water Heat Exchanger
- Lift Station 1 and 2 (check with PCE)
- Oil/Water Separator Tank (check with PCE)

Price 23 Million USD

26.4 MW Sulzer HFO Power Plant, 50/60 Hz

(6) x Model: 6Z40/48, 3300 kW (Engine no. 1 – 6)

(2) x Model: 12Z40/48, 6600 kW (Engine no. 7 – 8)

600 rpm

50/60 Hz

Fuel : Diesel or HFO.

One 12Z40/48 set is for parts

HFO heating plant and all auxiliaries are included.

Power Plant Technical Data

	Engine 1 - 6	Engine 7 - 8	Remarks
Manufacturer	SULZER	SULZER	
Model Engine	6 ZL 40/48	12ZV4048	
YOM	1987	1986	
Power per Engine	3300 kW	6600 kW	
Speed	600 rpm	600 rpm	
Fuel	Gas-Oil or HFO 380 Cst.		
Frequency	50/60 Hz		
Condition	Used	Used	
Remarks		1 set for parts	

They were stored in a dry protected place.

Engine N° 7 - SULZER 12ZV4048 is broken. It is only suitable for spare parts.

Alternators

Brand: Rade Koncar

3800 kVA, 6600 kV, 600 rpm.

Running Hours/Overhauls

Engine N° 1 - Total Running Hours: 33.826 / General Overhaul: 31.737, Motor OK

Engine N° 2 - Total Running Hours: 34.974 / General Overhaul: 33.600, Motor OK

Engine N° 3 - Total Running Hours: 36.167 / Overhaul: 17.010

Engine N° 4 - Total Running Hours: 36.707 / Overhaul: 20.155

Engine N° 5 - Total Running Hours: 34.522 / Overhaul: 25.100

Engine N° 6 - Total Running Hours: 36.824 / Overhaul: 19.800

Engine N° 7 - Block and Crankshaft are broken. For spare parts only.

Engine N° 8 - Total Running Hours: 14.902 / General Overhaul: 12.426, Motor OK).

* Engine no. 3, 4, 5, 6 are working but expecting General Overhaul

Type of Engine Cooling System

6 engines -> 6 cylinders, working with tower cooling

2 engines -> 12 cylinders, working with air cooling

HFO heating plant and all auxiliaries are included

Price 2 Million

120 Mva SIEMENS GAS TURBINE PLANT

Offered out as overhauled with warranty - Hfo as prime fuel

Complete Gas turbine Power Plants each consisting of One Siemens gas turbine and all relevant auxiliaries in excellent condition, fully operable, ready for immediate delivery.

- Currently on liquid fuel

Description of Gas Turbine Generators

Siemens V94.2 heavy-duty gas turbine. rated output of 105 MW at ISO conditions.

The GT unit is of single-shaft, single casing design, equipped with 2 silo-type combustion chambers, a 16-stage compressor and a 4-stage turbine. An air-cooled generator, rated at 125 MVA and generating at 10.5 kV is driven from the cold (compressor) end of the GT unit.

GT1 Scope of Asset Sale

1 Equipment and Systems

The following equipment, auxiliary and ancillary systems will form part of the scope of the asset sale:

· Gas Turbine Unit:

- o GT thermal block.
- o GT associated fire protection and detection system / gas leak detection system.
- o GT instrumentation and controls.
- o GT monitoring and protection system.
- o GT control valve block.
- o GT starting motor and torque converter system.
- o GT DC system with battery and charger.
- o Ignition system.
- o Fuel firing system (for distillate-oil liquid fuel).
- o Lubrication oil system and lubricating oil-radiator coolers.
- o Control oil system.
- o On-line compressor cleaning system.
- o Off-line compressor cleaning system.
- o Air intake and filter system with silencers and self-cleaning elements.
- o Exhaust gas stack, exhaust gas ducting, silencers, expansion joints, aviation obstruction warning lights and lightning arrestors.

· For each GT Generator Unit:

- o Generator with air-cooling, including generator main connections, generator circuit breaker, isolated phase bus-ducts and auxiliary switchgear.
- o Static frequency converter system.
- o Static excitation system with automatic voltage regulation control.
- o Lubricating-oil system and lubricating oil-radiator coolers.
- o Generator cooling system.
- o Generator associated control, instrumentation, metering and protection system.
- o Generator terminal enclosure.
- o Internal piping and cabling integral to the unit.
- o Neutral grounding transformers/resistors.

· Transformer Unit:

- o Unit transformer (10.5 kV to 6 kV).
- o Associated protection, control and instrumentation system.
- o

· Mechanical Auxiliary and Ancillary Systems:

- o Fire fighting system, including diesel engine and electrically driven fire pumps, water storage tank and foam storage tank.
- o Fire detection and alarm system.

- o Black-start diesel generator and black-start air-compressor.
- o Compressed air system, including compressors and receivers.
- o Turbine hall overhead cranes.

· **Electrical Auxiliary and Ancillary Systems:**

- o One (1) station transformers (22kV to 6kV).
- o One (1) auxiliary transformers (6kV to 3.3kV).
- o One (1) frequency converter transformers (6kV to 1400V).
- o One (1) exciter transformers (6kV to 500V).
- o One (1) low voltage transformers (6kV to 380V).
- o One (1) off-site system transformer (3.3kV to 415V).
- o 66kV switchgear for interconnection to electricity grid.
- o 22 kV switchgear for station auxiliary voltage system.
- o 6 kV switchgear for station auxiliary voltage system.
- o 3.3 kV switchgear for station auxiliary voltage system.
- o 380 V switchgear for station auxiliary voltage system.
- o 380V switchgear for station auxiliary power system.
- o 220V switchgear for station auxiliary power system.
- o 24V switchgear for station auxiliary power system.
- o 220 V DC system including chargers and batteries.
- o 24 V DC system including chargers and batteries.
- o Associated protection, control and instrumentation system.

· **Instrumentation and Control Auxiliary and Ancillary Systems:**

- o Siemens Iskamatic control and protection system for GT unit.
- o Vibration monitoring system for GT units.
- o Ronan Sequential Event Recording (SER) system.
- o Electro hydraulic Control System for GT units.
- o Station CCTV System.

2. Special Tools

· **Special Tools**

Gas Turbine Special Tools

- o One (1) generator skid.
- o One (1) generator trolley.
- o One (1) set generator rotor support (consisting of two pieces).
- o One (1) GT turbine lifting beam.
- o One (1) GT turbine bearing shaft support.
- o One (1) set GT compressor casing transportation I-beam (consisting of two pieces).
- o One (1) GT compressor bearing shaft support.
- o GT combustion chamber supports.
- o Up-ending clamps.

3. Documentation

The following documentation will be included in the scope of the asset sale:

- Operation and Maintenance Manuals.

Price\$ 25 Million USD

OVERHAULED WITH WARRANTY.

CO-GENERATION PLANT

MAKE R : Mitsubishi Heavy Industries Ltd / Yokohama - Japan

MODEL : 16 KU30 A

POWER: 10 MW (2 x 5 MW each)

YOM : 1996

INSTALLED YEAR : June 1997

TOTAL WORKING HOURS : 47.000 H

FUEL : Fuel Oil No: 6 and Diesel

TOTAL GROSS ELECTRICITY PRODUCTION RATE : 383.717.420 kwh

COOLER CAPACITY : 1,350,000 kcal/h with Absorption chiller

HEATING CAPACITY : 1,762,000 kcal/h

DIESEL GENERATOR (D/G)

Type: : MHI KU3A, 4 stroke cycle, trunk type piston, water cooler, V type,
super charged driven

Model: 16KU30A

Number of Cylinder: 16

Dia of Cylinder 300 mm

Piston Strok 380 mm

Machine Power 5210 KW = 7080 PS

Genarator Power 5000 KW

Speed 720 rpm

Break mean Eff. Pressure: 1,94 Mpa = 19,8 Kg/cm²

Mean Piston Speed: 9,5 m/sn.

Max. Burning Pressure 15,7 Mpa = 160 kg/cm²

Total Weight 54 tons

Turbo-charger: MET5 3SD

Operating Pressure 15.4

Price: bid