

COMPANY
PROFILE



PT DYNAGEAR PANDU PRATAMA

WWW.DYNAGEAR.CO.ID

ABOUT US

PT Dynagear Pandu Pratama was established in 2011. We are moving in the field of Sales, Service and Engineering to industrial equipment. Our company sell various products : gearboxes, winches, electric motors, inverter and accessories power transmissions.

We are authorized brands of :

- Dinamic Oil : Planetary gear and winches - Italy**
- Marellimotori : Electric motor - Italy**
- Transtecno : Helical gear, bevel gear, worm gear – Italy (manufacture China)**
- Danfoss : Variable speed drive (VSD) – Denmark/USA**
- Italgroup : Hydraulic radial piston motor – Italy**
- Compomac : Gear coupling, flexible coupling – Italy**
- Tecnomotori : Electric motor – China**
- ENC : Variable speed drive (VSD) – China**

Beside above brand, we also provide fabrications (conveyor, tank, etc), installation and commissioning.

COMPANY SUMMARY :

HEAD OFFICE JAKARTA

Address : Jl. DaanMogot KM. 21, Pergudangan Arcadia Blok G.20 No. 16-17
BatuCeper,Tangerang–Banten 151222
Phone : (021) 55722477 , 55722276
Fax : (021) 55722382
Email : marketing@dynagear.co.id, sales@dynagear.co.id
Website : www.dynagear.co.id

BRANCH OFFICE SURABAYA

Address : Perum Citra harmoni Blok B2 No. 11 Trosobo Taman Sidoarjo 61257
Phone : (031) 88159446
FaX : (031) 7887485
Email : sales.sby@dynagear.co.id

BRANCH OFFICE SEMARANG

Address : Jl.Tamansari Majapahit A12-3 Semarang
Phone : (024) 70689941
Fax : (024) 6715729
Email : sales.smg@dynagear.co.id

VISION

Being a strong and trusted company in the field of sales, service and engineering for industrial equipment

MISSION

- 1. Provide the best products and after-sales service for customer satisfaction**
- 2. Commitment and integrity in conducting business**
- 3. Improve skills and knowledge to achieve goals**

MOTTO

“We are specialist planetary power transmissions”

LEGALITY

- ❑ Nomor Induk Berusaha (NIB) No 8120102881462 Oleh Badan Koordinasi Penanaman Modal
- ❑ Surat Pengukuhan Pengusaha Kena Pajak No. S88PKP/WPJ.08/KP.0903/2017 terdaftar di Kementerian Keuangan Republik Indonesia Direktorat Jenderal Pajak Kantor Wilayah DJP TangerangTimur.
- ❑ Nomor Pokok Wajib Pajak No. 03.047.426.6-039.000 terdaftar di Kementerian Keuangan Republik Indonesia Direktorat Jenderal Pajak tanggal 17 Januari 2017. Alamat NPWP Jl Daan mogot Arcadia Blok G20 No.16 Batuceper-Tangerang.
- ❑ Surat Izin Lokasi Perusahaan dari pemerintah Kota Tangerang tanggal 21 Februari 2020 dengan koordinat geografis -6.1565181,106.6644546
- ❑ Surat Pengesahan Badan Hukum Perseroan oleh Menteri Hukum dan HAM No. AHU-56489.AH.01.01.Tahun 2011 tanggal 18-11-2011.
- ❑ Akta Pendirian Perseroan Terbatas oleh Notaris A. Ratna Ramli, SH, M.Kn tanggal 26-10-2011.
- ❑ Bank Account : 253 3224 300 ,Bank BCA cabang Green Garden a/n PT. Dynagear Pandu Pratama

OUR PRODUCT

PRODUCTS	BRAND	ORIGINALLY
GEARBOX	DINAMIC OIL	ITALY
HYDRAULIC WINCHE	DINAMIC OIL	ITALY
ELECTRIC MOTOR	MARELLIMOTORI	ITALY
GEARBOX	TRANSTECNO	ITALY/CHINA
HYDRAULIC MOTOR	ITALGROUP	ITALY
MOTOR	TECHNOMOTORI	CHINA
INVERTER	DANFOSS	DENMARK/USA
INVERTER	ENC	CHINA
COUPLING	COMPOMAC	ITALY

OUR PRODUCT



1. GEARBOX 'DINAMIC OIL' ITALY



❖ Planetary Gearboxes

- ❑ Nominal torques ranging from 1,000 Nm to 4,600,000 Nm
- ❑ Transmission ratio from 1:3 to 1:22,000
- ❑ Applied in a wide range of applications: mobile, drilling, marine, mining and industrial.



❖ Winch Drives

- ❑ Rotating case gearboxes especially design for winch drives.
- ❑ External negative static disc brake allows for easy maintenance in marine applications.
- ❑ Nominal torque ranges between from 5,000 Nm to 118,000 Nm (FEM class M5 L2 T5)
- ❑ Transmission ratio from 1:13 to 1:200.

1. GEARBOX "DINAMIC OIL" ITALY



❖ Slewing Drives

- ❑ **Compact Gearboxes designed for applications with high radial loads.**
- ❑ **Nominal torques (FEM M2 L2 T2) range from 3,000 to 160,000 Nm; special solutions available for output torques up to 2,000,000 Nm.**
- ❑ **Transmission ratio from 1:3 to 1:3,500**



❖ Track Drives

- ❑ **Torque range between 100,000 and 865,000 Nm, equivalent to machine weights of between 30 and 500 Tons.**
- ❑ **The models are designed with ground gears and a steel case and carriers to satisfy even the most demanding applications.**
- ❑ **These features make the EH series particularly suitable for alternative applications such as wheels drives, winch drives and marine pipe layer drives.**

OUR PRODUCT



2. WINCHES "DINAMIC OIL" ITALY



❖ Hydraulic Winches

- ☐ Standard range from 500 kg to 30 Tons of line pull.
- ☐ Equipped with orbit motors and axial piston motors.
- ☐ Negative multi disc brake.
- ☐ Variety of available accessories: tension rollers, third wrap indicators, two methods of load sensing on the winch, grooved drums, level-winds, absolute encoders.



❖ Motor Drum

- ☐ Torque range between 26.000 Nm and 195.000 Nm.
- ☐ Package available with cast drum.
- ☐ Design optimized for the heaviest applications in the drilling, mobile and marine sectors.

OUR PRODUCT

3. GEARBOX "TRANSTECNO" ITALY/CHINA



❖ **HELICAL**



❖ **BEVEL HELICAL**



❖ **PARALLEL SHAFT**

- ❑ Ratio from 5,03 to 280,29 (2 and 3 Stages)
- ❑ Torque from 350 Nm to 3500Nm
- ❑ Robust cast iron housings
- ❑ Coupled to motor with flexible coupling

OUR PRODUCT

4. GEARBOX "TRANSTECNO" ITALY/CHINA



❖ Helical gearboxes CMG

- ❑ Ratio from 3,66 to 398,25 (2 and 3 Stages)
- ❑ Torque from 120Nm to 500Nm (900 Nm)
- ❑ Ground-Hardened Helical Gears
- ❑ Removable Cast Iron Feet and Flanges
- ❑ Die Cast Aluminium Housing



❖ Wormgearboxes CM

- ❑ Ratio from 5 to 100
- ❑ Torque from 10Nm to 1000Nm
- ❑ Die Cast Aluminium Housing from Size 26 to 110
- ❑ Cast Iron Housing Size 130



❖ Bevel helical CMB

- ❑ Ratio from 6,58 to 221,88
- ❑ Torque from 250Nm to 500Nm (900 Nm)
- ❑ Ground-Hardened Helical Gears
- ❑ Die Cast Aluminium Housing on sizes 633 and 903
- ❑ Cast Iron Housing on size 1103

OUR PRODUCT

5. ELECTRIC MOTOR "MARELLIMOTORI" ITALY



❖ **TOTALLY ENCLOSED
FAN COOLED MOTORS
(TEFC)**
Low Voltage Range from
0,12 to 1.600 kW
Medium & High Voltage Range
from
200 to 1.300 kW



❖ **EXPLOSION PROOF
MOTORS
- ATEX -**
Low Voltage Range
from
0,18 to 560 kW
Medium Voltage Range
from
110 to 350 kW

ELECTRIC MOTOR "MARELLI" ITALY



**❖ WATER JACKET
COOLED MOTORS
(IP55)**

**L.V. Range from
230 to 3.200 kW
M.V. Range up to
2.000 kW**



**❖ TOTALLY ENCLOSED
WATER to AIR COOLED MOTORS
(TEWAC)**

**L.V. Range from
90 to 6.400 kW
M.V. & H.V. Range from
150 to 5.000 kW**

OUR PRODUCT

6. ELECTRIC MOTOR "TECHNOMOTORI" CHINA



Single phase low voltage range 0.18 to 2.2 kW, IP 55, Class F
Three phase low voltage range 0.18 to 630 kW, IP 55, Class F

OUR PRODUCT

7. "DANFOSS" INVERTER DENMARK/USA



Supply voltages and power range :

- ☐ **3 x 200-240 V...0.25-37 kW**
- ☐ **3 x 380-500 V...0.37 kW – 1.1 MW**
- ☐ **3 x 525-600 V...0.75-75 kW**
- ☐ **3 x 525-690 V...1.1 kW – 1.4 MW**
- ☐ **Low harmonic drive**
- ☐ **3 x 380-480 V...132-450 kW**

OUR PRODUCT

8. "ENC" INVERTER CHINA



Supply voltages and power range :

- ☐ 1 x 220 V...0.25-3.7 kW
- ☐ 3 x 380 V...0.75 kW – 400 kW
- ☐ 3 x 690 V...11 kW – 200 kW

OUR PRODUCT

9. HYDRAULIC MOTOR "ITALGROUP" ITALY



- ☐ Displacement Range: from 80cc to 13.000cc
- ☐ Single, Dual e Triple Displacement.
- ☐ Wide speed range.
- ☐ Excellent Starting torque and Volumetric efficiency.
- ☐ Wide range of mounting configurations.

OUR PRODUCT

10. "COMPOMAC" COUPLING ITALY



- ☐ Very high torque density and low mass moment of inertia
- ☐ High torsional stiffness
- ☐ High shaft misalignment compensation with low restoring forces
- ☐ The 2 flanges drawing allow the radial dismounting of the motor without any displacement of the driven side and the axial displacement of the flanges to control the shaft alignment, gear condition, and grease level
- ☐ Temperature -10°C a $+80^{\circ}\text{C}$

OUR EXPERIENCE

SUGAR MILL APPLICATIONS



Gearbox for Sugar Mill (capacity 3500 TCD)
GB 235000 + Marelli 600kW+Danfoss 630 kW

SUGAR APPLICATIONS

**RECEIVER&CRYSTALLIZER
(FOOT MOUNTED GEARBOX)**



**VERTICAL CRYSTALLIZER
(SHAFT MOUNTED GEARBOX)**



**RECEIVER & CRYSTALLIZER
(SHAFT MOUNTED GEAR)**



SUGAR APPLICATIONS



CANE LAVELER,SUGAR MILL



**CANE CARRIER,
SUGAR MILL**



**CLARIFIER,
SUGAR PROCESS**



**STIRRER VACUM
PAN SUGAR
PROCESS**

COAL MINING



DRIVE JETTY COAL CONVEYOR



CHAIN FEEDER, COAL CONVEYOR



**DRIVE JETTY COAL
CONVEYOR**



**DRIVE COAL
CONVEYOR**

INDUSTRIAL AGITATOR



WINCHES



**HYDRAULIC WINCH WITH RADIAL
PISTON MOTOR**



**HYDRAULIC WINCH WITH AXIAL
PISTON MOTOR**



ELECTRIC WINCH



**ELECTRIC WINCHE
FOR LAUNCHER
GANTRY**

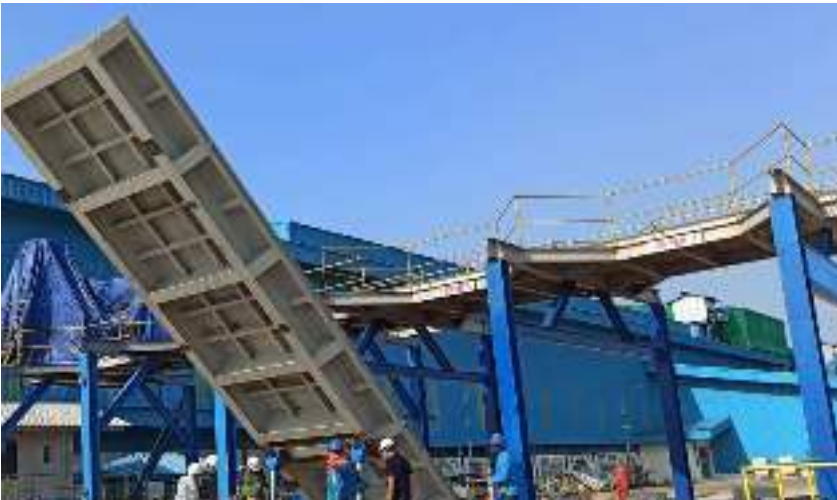
SERVICE, FABRICATION & INSTALLATION



REALIGNMENT CONVEYOR



BALLMILL INSTALLATION



**HYDRAULIC CYLINDER CANE TIPPER
TRUCK**



HYDRAULIC TIPPER INSTALLATION

GALLERY EXHIBITIONS



MANUFACTURING EXHIBITIONS



MANUFACTURING EXHIBITIONS



ALLPACK EXHIBITIONS



SUGAR TECH EXHIBITIONS



**JL. DAAN MOGOT KM 21
PERGUDANGAN ARCADIA BLOK G20 NO 16-17,BATU CEPER,
TANGERANG,BANTEN 15122**

**PHONE : 021 55722477,021 55722276
FAX : 021 55722382
WEB : WWW.DYNAGEAR.CO.ID**