



HYDRAULIC INNOVATION & SYSTEM DEVELOPMENT

CLEAN

Winner



QUALITY PRODUCTS FOR EVERY APPLICATION





Company Overview

Established in 1988 by Howard Turner, Hyspec Hydraulics is a trusted Australian provider of engineered hydraulic solutions. With over 35 years of experience, Hyspec specializes in servicing the Mobile, Industrial, Mining, and Specialized Hydraulic sectors.

Operating from our fully equipped workshop, warehouse, and dedicated manufacturing and build centre in Melbourne, we offer a wide range of hydraulic products, expert services, and dependable aftermarket support to customers across Australia.

As authorized importers and distributors of globally recognized hydraulic brands—including Hengli, OMT, Winner Hydraulic, Settima, and Elettrotec—Hyspec ensures customers benefit from premium products, deep technical expertise, and rapid, reliable delivery.

Over the past three years, Hyspec has seen growing success in new mining applications, further strengthening our presence in Australia's resources sector and reinforcing our position as a capable and innovative hydraulic solutions partner.

Core Capabilities

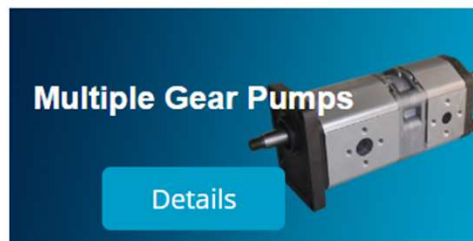
- Custom Hydraulic System Design & Engineering
 - OEM & Aftermarket Sales
 - Hydraulic Filtration Solutions
 - Hydraulic Cooling solutions
- Mobile, Industrial & Mining Applications
- Aftermarket service specializing in System Troubleshooting & Diagnostics



NO-NOISE TECHNOLOGY

CONTINUUM® PUMP MAIN ADVANTEGES

- Special rotors profile avoids oil encapsulation
- No noise - average 15dB (A) - less noise compared to standard gear and vane pumps
 - Extremely low vibrations and pulsations
- Very high efficiency for a wide range of speeds (up to 6.500 RPM)
- Very stable and consistent performances at variable speed, also in case of sudden speed changes
 - Maximum operating pressure up to 300 bar
 - From 2.0 up to 200cc
- Interchangeable with standard gear pumps



Electromechanical field dedicated to fluid control, designing and manufacturing both electromechanical and electronic sensors.



Pressure



Temperature

PRESSURE TRANSDUCERS

PTE - PTL - PTH - EPX02



CE

- Pressure transducers.
- Pressure range from 1 to 1000 bar.
- Temperature range from -25°C to +125°C.
- Body material in stainless steel 316.
- Sensor material ceramic Al₂O₃ 96% or silicone.
- Available diaphragm NBR or polyurethane.
- Available threads G 1/4 BSP parallel or G 1/8 BSP parallel.
- Accuracy up to 0.1% E.S.
- Protection IP65 or IP67.

ACCESSORIES AND PROTECTIONS FOR PRESSURE AND VACUUM SWITCHES

- Wide range of protection caps IP54 - IP65 - IP67 degree, Deutsch - AMP - Delphi connectors and DIN plugs with transparent housing and red/green LED.



Level



Flow

FLOAT LEVEL SWITCHES AND LEVEL SENSORS

- Working range from 65 to 2500 mm.
- Material anodized aluminium, brass, stainless steel and PVC.
- From 1 to 4 contacts NO, NC and SPDT.
- Explosion proof or intrinsically safe.
- Electric protection IP65 or IP67.



GRL

LM3/4 GSA
- GA - GTA

LM1/2 TIA
- GTIA EP
LMM1 TIA
- GTIA EP

LM1/2 A
- FA - TA
LMM1 A
- FA - TA

TEMPERATURE SWITCHES

- Temperature switch with fixed set-point, push-on terminals, with stem or integrated power relay.
- NO, NC or SPDT contact.
- Switching temperature from +25°C to +125°C.

- Body material in aluminium or brass.
- Available threads G 3/8" parallel, G 1/2 parallel, M14x1.5 parallel, M22x1.5 parallel, 1/4 NPT or G 1/4" parallel.



NTR

TCR

EBT

TER

TBG

TBF EVO

FLOW METERS AND FLOW SWITCHES

- Available with aluminium, brass, stainless steel 304 or acrylic bodies.
- Flow rate from 0.1 to 750 LPM.
- Working temperature from -10°C to +100°C.
- Maximum pressure from 10 to 300 bar.
- One or two NO or SPDT adjustable contacts.



FPR

IF...VE - IF...V2E

TFM...V

FMP...V /
FMP...VR

Wide range of available products.
Contact us for more information.

CLEAN



PAF High Pressure Filter



PBF High Pressure Filter



PCF medium pressure Filter



PDF high pressure Duplex...



PJF low pressure Duplex...



PLF Low pressure Duplex...



PMF high pressure Manifold..



HSF high pressure Spin-on...



PSF Low pressure Spin-on...



PTF High Pressure Tube Filter



PVF high pressure Sandwic...



Air Breather



Level gauge/Level Switch



Indicator



RAF Tank-top Return Filter



RHF Tank-top Return Filter



RIF In-tank Return Filter



RSF Tank-side Return Filter



RTF Tank-top Return Filter



PFC Portable Filter Cart

DXB Series

(Ideal for high-cooling power applications like mining,



HDC80L-CA



DXF Series

(Coal mines, Crude oil production, Petrochemical industry special environment)



DXZX Series

(Hydraulic system, reducer, gear box, etc.)



HDC450L-CA



DXH Series

(Mobile, agriculture, construction machinery etc.)



DIVERSE PRODUCT RANGE

Hydraulic Cylinder & Electric
Cylinder

Hydraulic Piston Pump & Motor

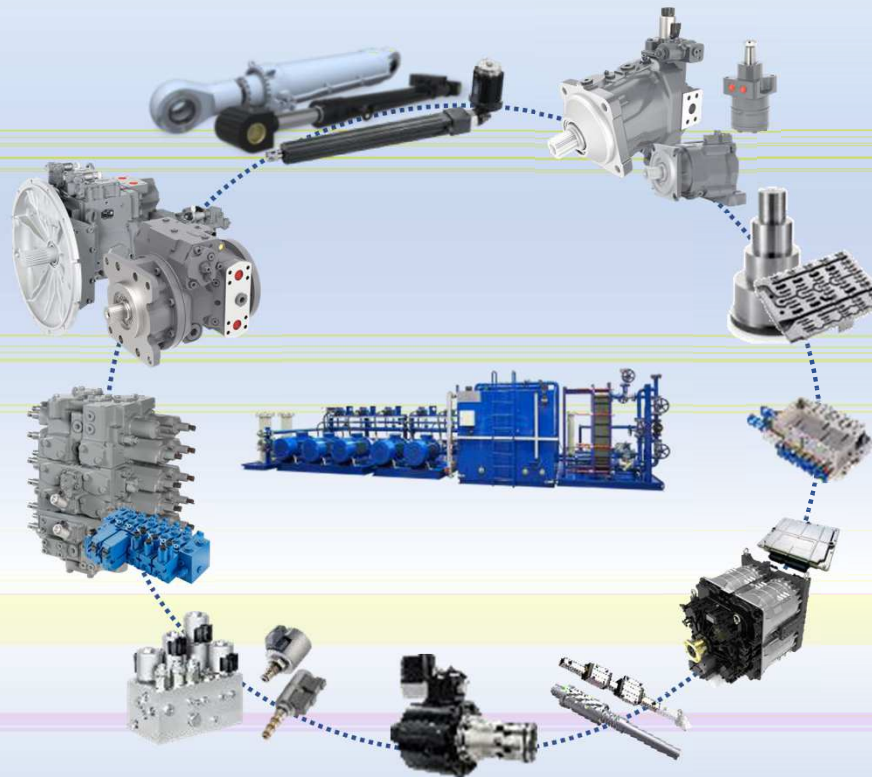
Hydraulic Control Valve for Mobile
Machinery

Industrial Valve

Hydraulic Pump Unit and System

Threaded Cartridge Valve

Ball Screw and Linear Guide Track



Orbital Motor and Brake

Control Components

High-precision Casting

Pneumatic Components and
integrated System

Cold-drawn Seamless Steel Pipe

Surface Coating-Thermal Spray
Treatment

Non-standard customized
equipment



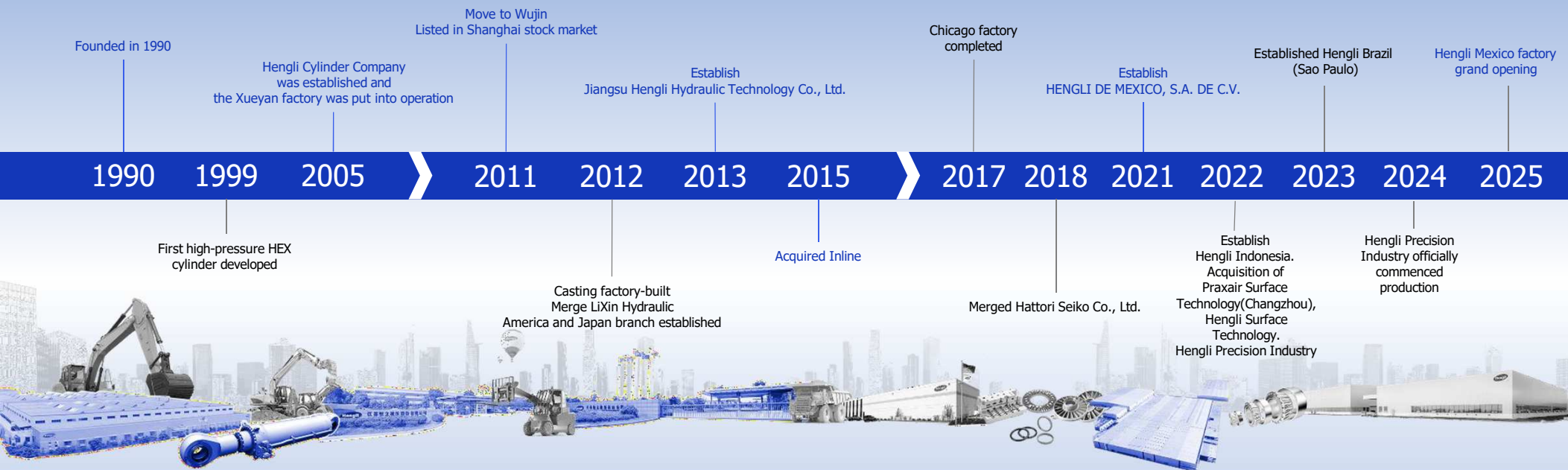
DEVELOPMENT HISTORY

Continuous Exploration
35 years of continuous exploration

1990-2005
FOUNDATION ESTABLISHED

2006-2015
DIVERSIFIED DEVELOPMENT

SINCE 2017
GOING GLOBAL





CAPACITY

1,350K

Pcs Cylinders

370K

Pcs Pumps

1,480K

Pcs Various kinds of valves

420K

Pcs Motors



Jiangsu Hengli Hydraulic Co., Ltd.



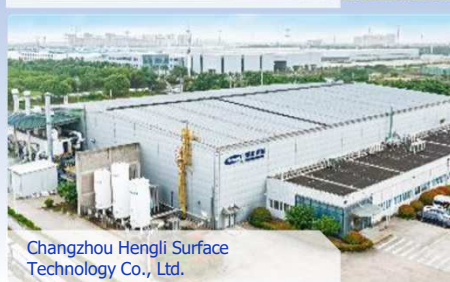
Jiangsu Hengli Hydraulic Technology Co., Ltd.



HENGLI DE MEXICO, S.A. DE C.V.



Jiangsu Hengli Hydraulic Co., Ltd.
Changzhou Casting Branch



Changzhou Hengli Surface
Technology Co., Ltd.



InLine Hydraulik GmbH



Jiangsu Hengli Precision Industry
Co., Ltd.



Nanjing Hengli Intelligent
Technology Co., Ltd.



Hattori Seiko Co., Ltd.



Shanghai Lixin Hydraulic Co., Ltd.



Changzhou Hengli Pneumatic
Technology Co., Ltd.



PT. Jiangsu Hengli Hydraulic Indonesia

AFTER-SALES SERVICE

Quick Response ›

For more efficient and convenient service

Global service center



China after-sales service point



Italy after-sales service point



UK after-sales service point



Türkiye after-sales service point



Indonesia after-sales service point



Japan after-sales service point



Brazil after-sales service point



Denmark after-sales service point



Germany after-sales service point



Mexico after-sales service point



Argentina after-sales service point



USA after-sales service point



Netherlands after-sales service point



India after-sales service point



Australia after-sales service point



Chile after-sales service point



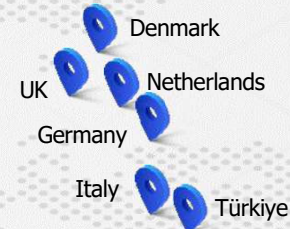
South Africa after-sales service point



Mexico



Brazil



Denmark

Netherlands

UK

Germany

Italy

Türkiye



India



China



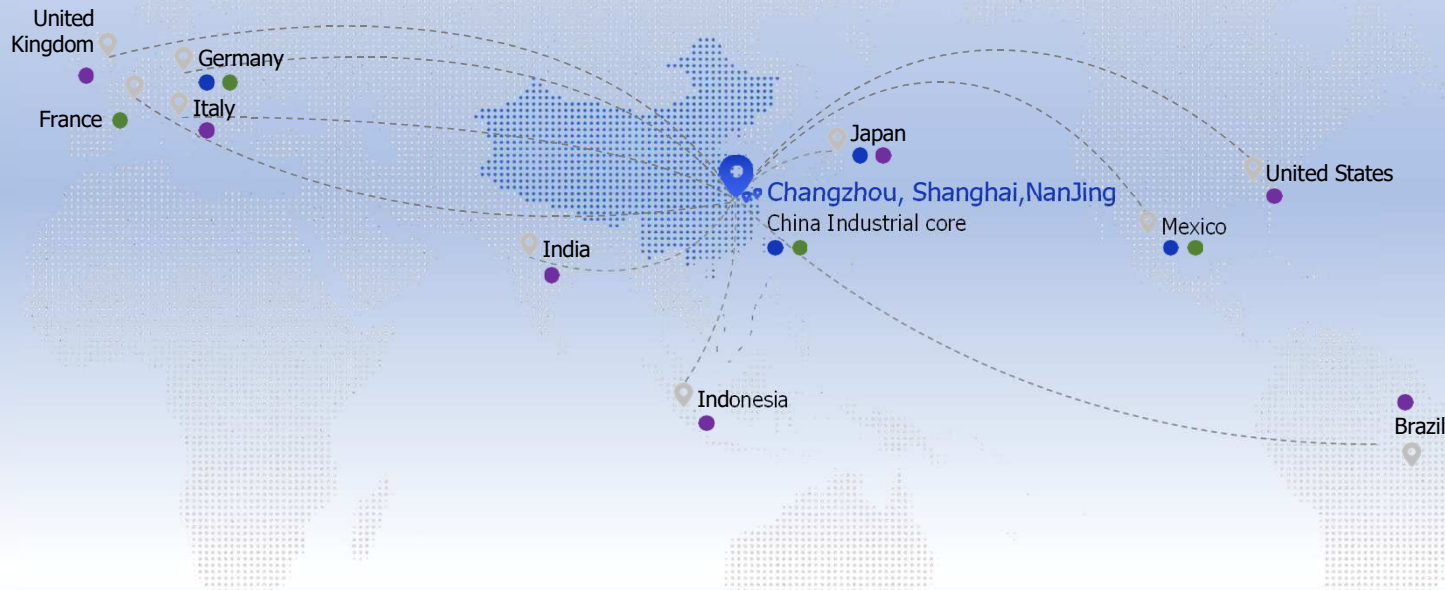
Japan

Indonesia



Australia

GLOBAL FOOTPRINT



Manufacturing Facilities

Jiangsu Hengli Hydraulic Co., Ltd. (Changzhou)
 Jiangsu Hengli Hydraulic Technology Co., Ltd. (Changzhou)
 Changzhou Hengli Pneumatic Technology Co., Ltd. (Changzhou)
 Jiangsu Hengli Hydraulic Co., Ltd. Changzhou Casting Branch (Changzhou)
 Changzhou Hengli Surface Technology Co., Ltd. (Changzhou)
 Jiangsu Hengli Precision Industry Co., Ltd. (Changzhou)
 Nanjing Hengli Intelligent Technology Co., Ltd. (Nanjing)
 Shanghai Lixin Hydraulics Co., Ltd. (Shanghai)
 Hattori Seiko Co., Ltd. (Gifu)
 InLine Hydraulik GmbH (Berlin)
 HENGLI DE MEXICO, S.A. DE C.V. (Monterrey)
 PT. Jiangsu Hengli Hydraulic Indonesia (Jakarta)

R/D Center

Jiangsu Hengli Hydraulic Co., Ltd. (Changzhou)
 Jiangsu Hengli Precision Industry Co., Ltd. (Changzhou)
 Nanjing Hengli Intelligent Technology Co., Ltd. (Nanjing)
 Shanghai Lixin Hydraulics Co., Ltd. (Shanghai)
 InLine Hydraulik GmbH (Berlin)
 LineaTec SAS (Annecy)
 HENGLI DE MEXICO, S.A. DE C.V. (Monterrey)

Global Sales And Marketing

Hengli America Corporation (Chicago)
 Hengli Hydraulics Holding GmbH (Stahnsdorf)
 Hengli Japan Co. (Tokyo)
 Hengli Hydraulic India System Solutions Pvt. (Pune)
 Hengli Brazil Ltda. (Sao Paulo)
 Hengli Hydraulics Italy Branch
 Hengli Hydraulics UK Branch

 **7** R&D Centers

 **12** Manufacturing Facilities

 **7** Global Sales /Marketing Company

 **30+** Operating Countries

SERVING GLOBAL CUSTOMERS

Chinese
Partners



Overseas
Partners



Andritz: Cylinders, HPU, castings, pneumatic

Vestas: Cylinders, accumulators, castings

Caterpillar: Cylinders, pumps, motors, manifolds, multi-way valves

Palfinger: Cylinders, rotary actuators, pumps

Manitowoc: Cylinders

Wirtgen: Cylinders, open and closed loop pumps, motors, manifolds, multi-way valves

Epiroc: Cylinders, rotary actuators, testing bench

John Dere: Cylinders and valves

GE: Cylinders

Terex: Cylinders, pumps, motors, manifolds, multi-way valves

VERTICAL INTEGRATION

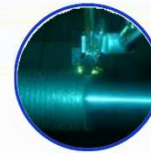
In-House Production Of Key Components



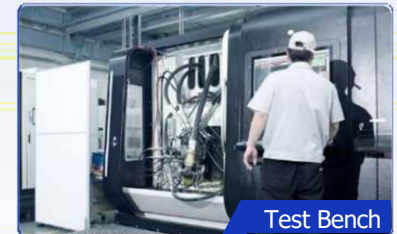
In-House Control Of Key Processes



Piston Rod Surface Coating



Production Tools Developed In-House



Quality
Guarantee



Cost
Control

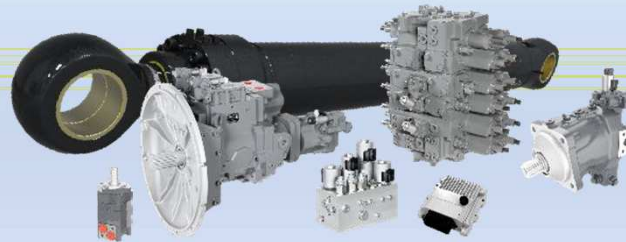


On Time
Delivery

Excellent In Quality, Wide In Coverage

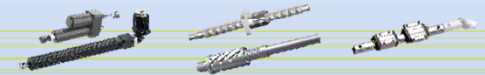
Mobile Hydraulic And Electronic Components

- ◆ Hydraulic cylinders
- ◆ Hydraulic pumps
- ◆ Hydraulic multi-way valves
- ◆ Threaded cartridge valves
- ◆ Hydraulic motors
- ◆ Orbital motors
- ◆ Electronic control components



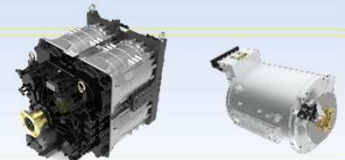
Linear Drive Technology

- ◆ Electric cylinders
- ◆ Ball screws
- ◆ Guideways



Electric Drive Components

- ◆ High-Speed motor drive assemblies
- ◆ High-Performance motors
- ◆ Electric drive system assemblies



Industrial Hydraulic And Pneumatic Components

- ◆ Industrial cylinders
- ◆ Industrial pumps
- ◆ Industrial valves
- ◆ Industrial motors
- ◆ Hydraulic system integration
- ◆ Pneumatic components



Technical Components

- ◆ Castings
- ◆ Seals
- ◆ Cold-Drawn tubes



Agricultural Machinery

Combine Harvester Hydraulic System Solutions

Comprehensive One-stop Solutions



Controller

HLEC-C3 controller



INDUSTRY CASE Mobile Machinery

Excavating Machinery System Solution (13.5T-40T)

Precise Control and Easy Handling



Mobile Machinery

Rigid Dump Truck Solution For Mining

- ◆ Rigid dump trucks suitable for downhill conditions with a full load of 90 tons or less
- ◆ Direct speed control without gearbox, high reliability and comfort
- ◆ Maximum use of regenerative braking reduces the batteries required for continuous operation, reducing operating and product costs



Integrated Vehicle Controller VCU

- Automotive-grade electronic components
- High-performance dual-core processor
- 121 or 154-pin solution: top IO configuration

High-performance Permanent Magnet Synchronous Direct Drive Dual Motor

- Peak output torque: 15,000 Nm
- High efficiency: external characteristics above 90%

High-Voltage Motor Controller MCU

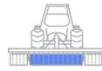
- Modular design, scalability
- Recommended configuration IGBT: 2x1000A
- High efficiency: $\geq 98\%$

INDUSTRY APPLICATIONS

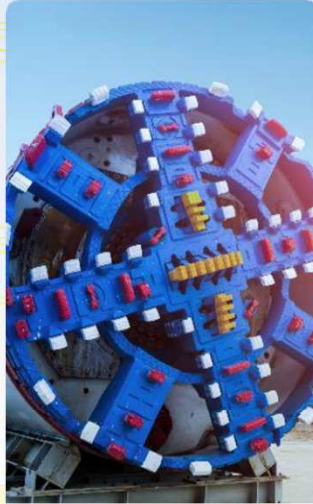
Comprehensive Services Providing Solutions For
Diversified Industry Scenarios



Construction Machinery



Agricultural and
Forestry Machinery



Tunnel Boring Equipment



Lifting and
Handling Machinery



Mining Machinery



Marine and Port Machinery

Ocean Engineering



Piling Ship Hydraulic Cylinder

Applied to the 137-meter water piling equipment luffing cylinder project of "SHUI XIN QI 1"



Large hydraulic cylinder
Repairability, low maintenance costs

Core Data



1,400mm

Bore



28,465kN

Maximum thrust



15,500mm

Stroke



216t

Weight

The World's Largest Processing Capacity



1,600mm

Bore



1,120mm

Rod diameter



21,000mm

Stroke



50,000kN

Maximum thrust

Energy Technology

FAST-Five-hundred-meter Aperture Spherical Radio Telescope



CORE DATA

Dynamic Positioning
Accuracy



0.02mm

Ultimate Load Reliability



MTBF > 7,200h

Leakage

- Leakage flow rate < 0.4 drops/min
- Higher than national standard

Electromagnetic shielding performance

- First 50 actuators have been inspected
- Pass rate 100%

Durability

- Stable operation
- Under low pump volumetric efficiency

Real-Time detection

- Sensors attached
- Easy for monitoring and maintenance

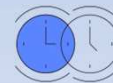
INDUSTRY CASE *Tunnel Engineering*



"China Railway 188" Open TBM

- Cylinders are used in Jilin Yinsong Water Supply Project
- Runs 23 km in 30 months without malfunction
- Capable of tunneling in harsh environment

Key Data



30 months
of continuous operation



23km
of trouble-free operation

China Communications Construction No. 16141 Shield Tunneling Hydraulic System

- Design and supply shield TBM "141"
- V30D/V30E plunger pump from Hengli German factory

Core Data



998m

Through clay, gravel and other poor geological areas



40°C+

High temperature and humidity environment uninterrupted operation





HP3G Series Swash-plate Type Axial Piston Variable Displacement...

Specifications: 45 cc/rev
Rated pressure: 345 bar
Peak pressure: 385 bar



V40D Series Swash-plate Type Axial Piston Variable Displacement...

Specifications: 23 cc/rev
Rated pressure: 250 bar
Peak pressure: 300 bar



V40E Series Axial Piston Pumps

Specification: 32-135 cc/rev
Nominal pressure: 420 bar
Maximum pressure: 450 bar



V40G Series Axial Piston Pumps

Specification: 145-280 cc/rev
Rated pressure: 450 bar
Peak pressure: 500 bar



V90C Series swash-plate Type Axial Piston Variable...

Specifications: 23-56 cc/rev
Rated pressure: 250-420 bar
Peak pressure: 300-450 bar

Closed Circuit Pumps



V92N SERIES Axial Piston Tandem Variable Pumps

Specifications: 120 cc/rev
Rated pressure: 350 bar
Peak pressure: 400 bar



V90N-T Swash-plate Type Axial Piston Variable Displacement...

Specifications: 75/85/280/300/330
Rated pressure: 350-380 bar
Peak pressure: 400-420 bar



V90N-P Swash-plate Type Axial Piston Variable Displacement...

Specifications: 180 x 2-252 x 2 cc/rev
Rated pressure: 350-380 bar
Peak pressure: 392-420 bar



V60N Variable displacement axial piston pump

Specifications: 060-130 cc/rev
Rated pressure: 350-400 bar
Peak pressure: 400-450 bar



V30E Variable displacement axial piston pump

Specifications: 95-270 cc/rev
Rated pressure: 350 bar
Peak pressure: 420 bar



V80M Variable displacement axial piston pump

Specifications: 200
Rated pressure: 400 bar
Peak pressure: 450 bar



V30D Variable displacement axial piston pump

Specifications: 45-250 cc/rev
Rated pressure: 250-350 bar
Peak pressure: 300-420 bar



HRB Radial piston hydraulic pump

Specifications: 16/32
Rated pressure: 130 bar
Max. Allowable pressure: 180 bar



HP6V Series Swash-plate Type Axial Piston Variable Displacement...

Specifications: 18-105
Rated pressure: 300-350 bar
Peak pressure: 320-400 bar



HP5VS Series Swash-plate Type Axial Piston Variable Displacement...

Specifications: 45/63/85 cc/rev
Rated pressure: 210 bar
Peak pressure: 250 bar



HP3V Series Swash-plate Type Axial Piston Variable Displacement...

Specifications: 140 cc/rev
Rated pressure: 350 bar
Peak pressure: 400 bar



HP3V-S Series Heavy-Duty Swash-plate Type Axial Piston Variable...

Specifications: 75/280/300 cc/rev
Rated pressure: 350-370 bar
Peak pressure: 400-420 bar



V32G Series Robust High-pressure Piston Pump

Specification: 065-300 cm³/rev
Rated pressure: 380-420 bar
Peak pressure: 420-450 bar



V30D(45) Series

Specifications: 375/500/520 cc/rev
Rated pressure: 420/450/420 bar
Peak pressure: 450/500/450 bar



Type F30D Fixed displacement axial piston pump

Nominal pressure p_{nom}: 420 bar
Peak pressure p_{max}: 450 bar
Displacement V_{max}: 280-520 cm³/rev



V93N Swash-plate Type Axial Piston Variable Displacement...

Specifications: 375 x 2 cc/rev
Rated pressure: 420 bar
Peak pressure: 460

Open Circuit Pumps

Axial Piston Motors



M70V(E) SERIES
Swash-plate Type Axial
Piston Variable...

Size: 45/65
Nominal pressure(bar): 350/280
Max. pressure (bar): 400/350



M60V(E) Series Oblique
Axis Variable Piston
Motor

Specification: 28-280 cc/rev
Rated pressure: 400-450 bar
Maximum pressure: 400-330 bar



M60F Series Axial
Piston Fixed
Displacement Motor

Specification: 23-125 cc/rev
Rate pressure: 400 bar
Max. pressure: 400 bar



M70F (E) Series
Inclined Plate
Quantitative Piston...

Specification: 45-130 cc/rev
Rated pressure: 280-400 bar
Peak pressure: 350-450 bar



HM5X Series Swash-
plate Type Axial Piston
Fixed Displacement...

Specification: 80-250 cc/rev
Rated pressure: 324 bar
Peak pressure: 392 bar



HM3V Series Inclined
Plate Variable Piston
Motor

Specification: 25/30/38/45 cc/rev
Rated pressure: 175-210 bar
Peak pressure: 350-415 bar



HM4V Series Inclined
Plate Variable Piston
Motor (With Reducer)

Specification: 12-340 (Single motor)/cc/rev
Maximum pressure: 245-373 bar



HM5V Series Inclined
Plate Variable Piston
Motor

Specification: 35/40/45 cc/rev
Rated pressure: 210/175/175 bar
Maximum pressure: 350 bar



HM5F SERIES Swash-
plate Type Axial Piston
Fixed Displacement...

Apply to open circuit
Size: 15-34
Max Service pressure(bar): 180-216



HRP5A Series Radial
Piston Hydraulic Motor

Displacement: 565 cc/rev
Max.differential pressure: 400 bar



HRP5C Series Radial
Piston Hydraulic Motor

Displacement: 560/750 cc/rev
Max.differential pressure: 400-450 bar



HRP11 Radial piston
hydraulic motor

Displacement: 1259/1687 cc/rev
Max.differential pressure: 400-450 bar



HRP03 Series Radial
Piston Hydraulic Motor

Displacement: 225/255/325/365/400cc/rev
Max.differential pressure: 400-450 bar



HRP04 Series Radial
Piston Hydraulic Motor

Displacement: 470cc/rev
Max.differential pressure: 400 bar



HRP05 Series Radial
Piston Hydraulic Motor

Displacement: 470/520/565/750/820cc/rev
Max.differential pressure: 400-450 bar



HRP08 Series Radial
piston hydraulic motor

Displacement: 627-1356 cc/rev
Max.differential pressure: 400-450 bar



HRP18 Series Radial
Piston Hydraulic Motor

Displacement:
1392/1747/1862/2099/2560/2812 cc/rev
Max.differential pressure: 400/450 bar



HRP5T series Radial
piston hydraulic motor

Displacement: 820cc/rev
Max.differential pressure: 400 bar



HRP6T Series Radial
piston hydraulic motor

Displacement: 408 cc/rev
Max.differential pressure: 400 bar



HRP10T series Radial
piston hydraulic motor

Displacement: 1070/1180 cc/rev
Max.differential pressure: 400bar



HRP4K series Radial
piston hydraulic motor

Displacement: 408 cc/rev
Max.differential pressure: 400 bar



HRP5D Series Radial
Piston Hydraulic Motor

Displacement:
470/520/565/620/680/750/820 cc/rev
Max.differential pressure: 400-450 bar

Radial Piston Motors



HBD series Hydraulic brake

Min.static torque: 1150/1500
Maximum speed: 250 rpm
Max.release pressure: 250 bar



HBK Series Hydraulic Brakes

Min.static torque: 1150/1500
Maximum speed: 250 rpm
Max.release pressure: 250 bar



HBA Series Hydraulic Brakes

Min.static torque: 475
Maximum speed: 250 rpm
Max.release pressure: 207 bar



SB4-L1X28 Series Hand Pumps

Output Flow Rate per stroke : 1~2ml
Maximum Working Pressure : 28MPa



MFB series Soft switching valve

Rated pressure: 210 bar
Rated Theory: 10 L/min

Brakes & Accessories



HRS Orbital hydraulic motor

Displacement: 200~750 cc/rev
Max.differential pressure: 104~207 bar



HBP Orbital hydraulic motor

Displacement: 160~250 cc/rev
Max.differential pressure: 104~207 bar



HSE Orbital hydraulic motor

Displacement: 195~985 cc/rev
Max.differential pressure: 140~205 bar



HEL Orbital hydraulic motor

Displacement: 195~490 cc/rev
Max.differential pressure: 167~206 bar



HCL-W Orbital hydraulic motor

Displacement: 200~750 cc/rev
Max.differential pressure: 104~207 bar



HKL series Orbital hydraulic motor

Displacement: 200~1000 cc/rev
Max.differential pressure: 190~310 bar



HCW Series Orbital Hydraulic Motor

Displacement: 120~750 cc/rev
Max.differential pressure: 104~207 bar



HCG Series Orbital Hydraulic Motor

Displacement: 120~750 cc/rev
Max.differential pressure: 104~207 bar



HCP Series Orbital Hydraulic Motor

Displacements: 160~475 cc/rev
Max.differential pressure: 207 bar



HSD Series Orbital Hydraulic Motor

Displacement: 80~500 cc/rev
Max.differential pressure: 120~210 bar



HRD Series Orbital Hydraulic Motor

Displacement: 50~375 cc/rev
Max.differential pressure: 80~200 bar



HDL series Orbital hydraulic motor

Specification: 300/350/400
Max. differential pressure: 207 bar



HCLB Series Orbital Hydraulic Motor

Displacement: 195/245/375 cc/rev
Max.differential pressure: 207 bar



HVA Series Orbital Hydraulic Motor

Displacements: 325~570 cc/rev
Max.differential pressure: 223~310 bar



HSP Series Orbital Hydraulic Motor

Displacement: 80~500 cc/rev
Max.differential pressure: 120~225 bar



HSP swing series Orbital hydraulic motor

Displacement: 160~245 cc/rev
Max.differential pressure: 137~147 bar

Orbital Motors



HVSH Series Open Center Control Directional Valve

Nominal size: 14/14A/16D/20
Max. pressure(bar): 315
Rated flow(L/min): 30-160



EHD Series Direct Push Solenoid Reversing Multi-Way Valve

Specification: 08
Rated pressure: 315 bar
Rated flow: 30/60 L/min



HVS(E) Series Flow Sharing Multi-way Control Valve

Specification: 04/09/12/18/25
Rated flow: 40-300 L/min
Rated pressure on pump side: 250-350 bar
Rated pressure on load side: 270-400 bar



EHV Series Flow Sharing Multi-way Control Valve

Specification: 05/08/12/18/25
Rated flow: 40-300 L/min
Rated pressure on pump side: 250-350 bar
Rated pressure on load side: 270-400 bar



HHRB...P-S Series Explosion-Proof Valve

Specifications: 20/25/32/36
Rated pressure: 420-460 bar
Rated flow rate: 250-1200 L/min



FD... L2X type balance valve

Sizes: 12 to 3
Rated pressure: Up to 350 bar
Rated flow: Up to 560 L/min



DHF Series Directional Valve

Specification: 04/04A/05/05A/06/14
Maximum pressure: 210-350 bar
Rated flow rate: 25-140 L/min



HTFD TYPE Flow Divider Combiner

Rated pressure (bar): 420
Peak flow (L/min):
HTFD16: 160 / 42.3
HTFD25: 440 / 116.2



HVSM(WL) Flow Sharing Multi-way Control Valve

Specifications: 25/32
Rated Pressure: 350 bar
Rated Flow: 300-500 L/min



HVME Series Mobile Main Control Valve

Specification: 180/180B/300/750B
Rated flow: 180×2/180×2/300×2/600×2 L/min



EHV50 Series Load Sensitive Multi-way Valve

Rated pressure: 375 bar
Rated flow: 500 L/min



HFV TYPE FLUSHING VALVE

Series: 08
Maximum pressure (bar): 450
Maximum flushing flow rate (L/min): 40



HVSP Series Load Sensing Multi-way Control Valve

DN: 12/15/25
Pump-side pressure rating: 350 bar
Actuator-side pressure rating: 350-420 bar
Rated flow: 120-400 L/min



HVSP-F Series Load Sensing Proportional Control Valve

Nominal size: 12F/20F
Rated pressure(bar/pump side): 350
actuator side: 420
Rated flow(L/min): 120/400



HVSP15F/18F Series Control Valve For Agricultural Machinery

Nominal size: 15F/18F
Rated pressure(bar): 250
Rated flow(L/min): 120/170



EHG Series Load Sensing Multi-way Control Valve

Specification: 04
Maximum pressure: 350 bar
Rated flow: 40L/min



RVEH8 ELECTRIC PILOT REMOTE CONTROL JOYSTICK

Specification: RVEH8
Power supply voltage: 10-32 V



H-2PV Pedal-Operated Pilot Control Valve

Type: H-2PV
Inlet pressure: Up to 50 bar



RVEH Remote Control Pilot Handle

Specification: RVEH
Power supply voltage: 10-32 V



YDVH Remote Hydraulic Pilot Control Handle

Specification: YDVH1/14/5/6
Inlet pressure range: 60-100 bar



H-2TH6 Hydraulic Pilot Control Device With Superimposed Valve...

Specification: H-2TH6
Outlet pressure range: 5-28 bar
Maximum inlet pressure: 50 bar



H-2HV Panel Design Hydraulic Pilot Control Unit

Specification: H-2HV
Inlet pressure: up to 50 bar



PVH Foot Plate Pilot Control Valve

Specifications: PVH1/2/3/4/5



MHSTE5G Pilot Oil Source Valve Group

Specification: MHSTE5G
Outlet pressure range: 33.5-36.5 bar
Maximum inlet pressure: 350 bar



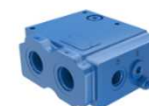
EHG04F LOAD SENSING PROPORTIONAL...

Specification: 04F
Rated pressure(bar): 350 (Pump Side)
350 (Actuator Side)
Rated flow(L/min): 100 (Inlet Lift Section)
40 (Other Sections)



HVMH SERIES OPEN CENTER CONTROL DIRECTIONAL VALVE...

Rated flow(L/min): 90
Max. pressure(bar): 315
Control electric voltage (VDC): 12



HSQF STEERING PRIORITY VALVE

Maximum inlet pressure (bar): 350
Rated flow rate of oil inlet (L/min): 150
Priority work oil port maximum pressure (bar): 240
Priority work oil port flow rate (L/min): 80



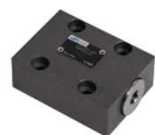
HSQD Electro hydraulic unmanned steering valve

Maximum flow (L/min): 80
Maximum pressure (bar): 280

Multi-way Control Valves

Mobile Aux Valves

Pilot Control Valves



Check Valves and Isolation Valves



Directional Valves



Explosion-proof Valve



Pressure Valve



Flow Valve



Proportional Valve

Industrial Hydraulic Valves



4WRA(E) direct acting proportional directional valve



4WRE(E) direct acting proportional directional valve



4WRZ(E) pilot operated proportional directional valve



4WRKE... L3X Pilot operated proportional directional valve

High Response Proportional & Servo valves



4WRHE...H1 Type Pilot operated proportional directional valve



4WRMCEH6...L1X Moving coil direct operated proportion...



4WRMCEH10...L1X Moving coil direct operated proportion...



4WRPEH6...L2X type servo proportional directional valve



4WRPEH10... L2X type servo proportional directional valve



4WRPE10...L3X Direct operated proportional valves



4WRLE Pilot operated proportional directional valves

Two-way Cartridge Valves



2-way high-response servo Proportional...



2-way cartridge valves



Switch Solenoid Valve



Proportional Solenoid Valve



Pressure Valve



Directional Valve



Flow Value



Logical Valve



Universal Controller



Motor Controller



Motor and powertrain



Load holding valve

Cartridge Valves



Controller for Electronic Pump



Universal motion controller

Electronic Drive and Control

MPU HYSPEC HYDRACUBE SERIES

ELECTRIC MOTORS

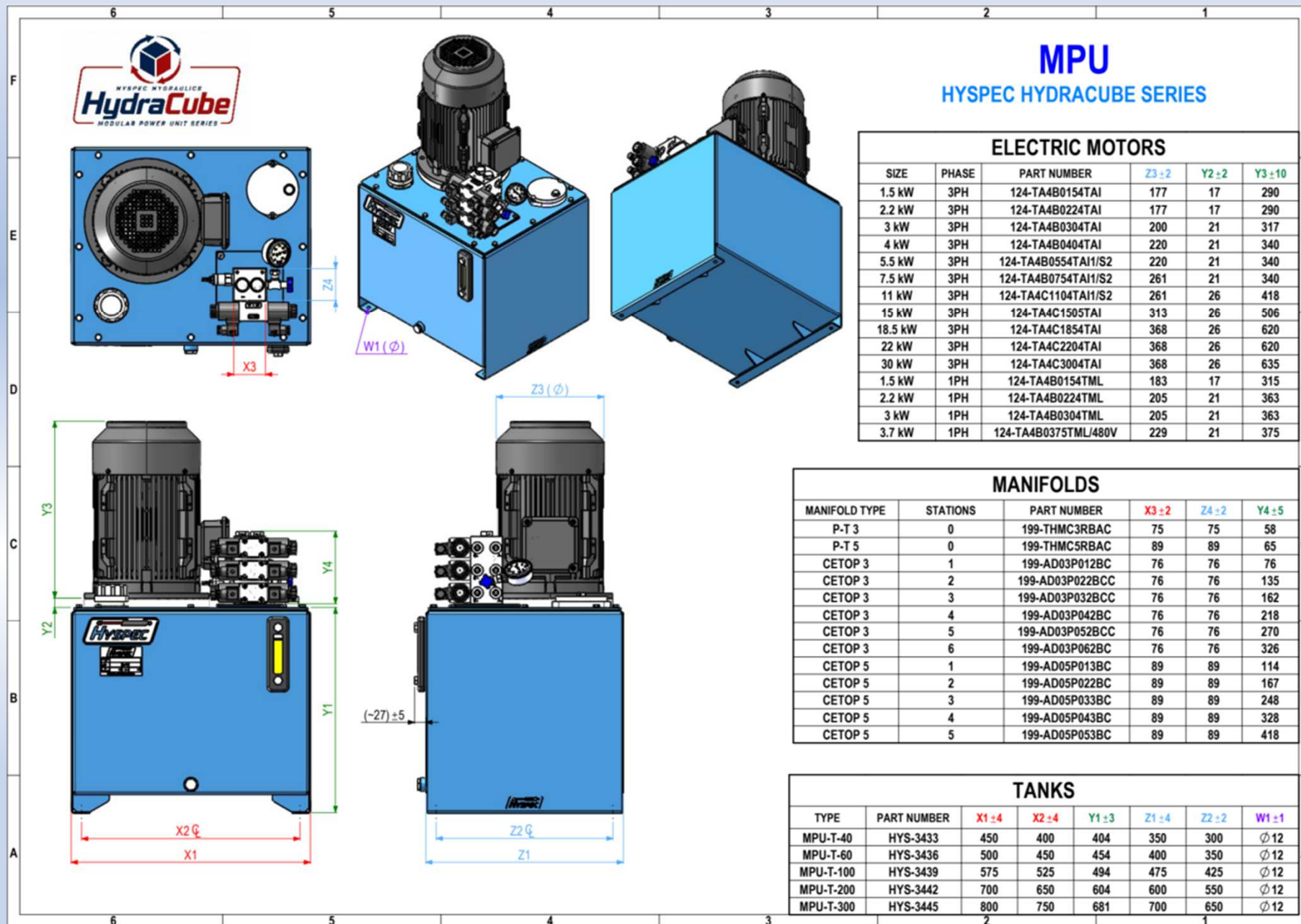
SIZE	PHASE	PART NUMBER	Z3 ±2	Y2 ±2	Y3 ±10
1.5 kW	3PH	124-TA4B0154TAI	177	17	290
2.2 kW	3PH	124-TA4B0224TAI	177	17	290
3 kW	3PH	124-TA4B0304TAI	200	21	317
4 kW	3PH	124-TA4B0404TAI	220	21	340
5.5 kW	3PH	124-TA4B0554TAI/S2	220	21	340
7.5 kW	3PH	124-TA4B0754TAI/S2	261	21	340
11 kW	3PH	124-TA4C1104TAI/S2	261	26	418
15 kW	3PH	124-TA4C1505TAI	313	26	506
18.5 kW	3PH	124-TA4C1854TAI	368	26	620
22 kW	3PH	124-TA4C2204TAI	368	26	620
30 kW	3PH	124-TA4C3004TAI	368	26	635
1.5 kW	1PH	124-TA4B0154TML	183	17	315
2.2 kW	1PH	124-TA4B0224TML	205	21	363
3 kW	1PH	124-TA4B0304TML	205	21	363
3.7 kW	1PH	124-TA4B0375TML/480V	229	21	375

MANIFOLDS

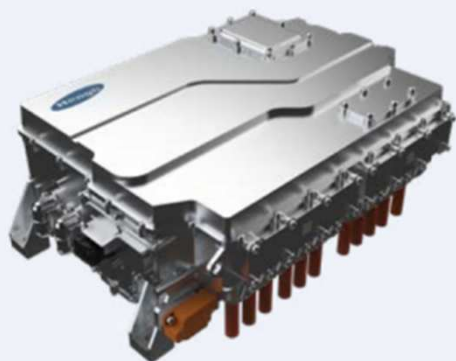
MANIFOLD TYPE	STATIONS	PART NUMBER	X3 ±2	Z4 ±2	Y4 ±5
P-T 3	0	199-THMC3RBAC	75	75	58
P-T 5	0	199-THMC5RBAC	89	89	65
CETOP 3	1	199-AD03P012BCC	76	76	76
CETOP 3	2	199-AD03P022BCC	76	76	135
CETOP 3	3	199-AD03P032BCC	76	76	162
CETOP 3	4	199-AD03P042BCC	76	76	218
CETOP 3	5	199-AD03P052BCC	76	76	270
CETOP 3	6	199-AD03P062BCC	76	76	326
CETOP 5	1	199-AD05P013BCC	89	89	114
CETOP 5	2	199-AD05P022BCC	89	89	167
CETOP 5	3	199-AD05P033BCC	89	89	248
CETOP 5	4	199-AD05P043BCC	89	89	328
CETOP 5	5	199-AD05P053BCC	89	89	418

TANKS

TYPE	PART NUMBER	X1 ±4	X2 ±4	Y1 ±3	Z1 ±4	Z2 ±2	W1 ±1
MPU-T-40	HYS-3433	450	400	404	350	300	Ø 12
MPU-T-60	HYS-3436	500	450	454	400	350	Ø 12
MPU-T-100	HYS-3439	575	525	494	475	425	Ø 12
MPU-T-200	HYS-3442	700	650	604	600	550	Ø 12
MPU-T-300	HYS-3445	800	750	681	700	650	Ø 12



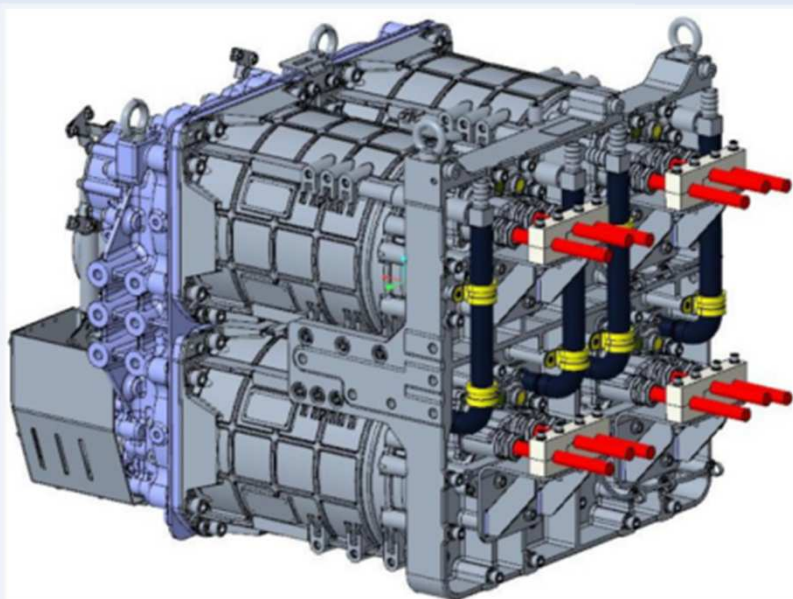
**HLEC-MC-1 High Voltage
MCU**



**600 Kw
Hybrid Drive**

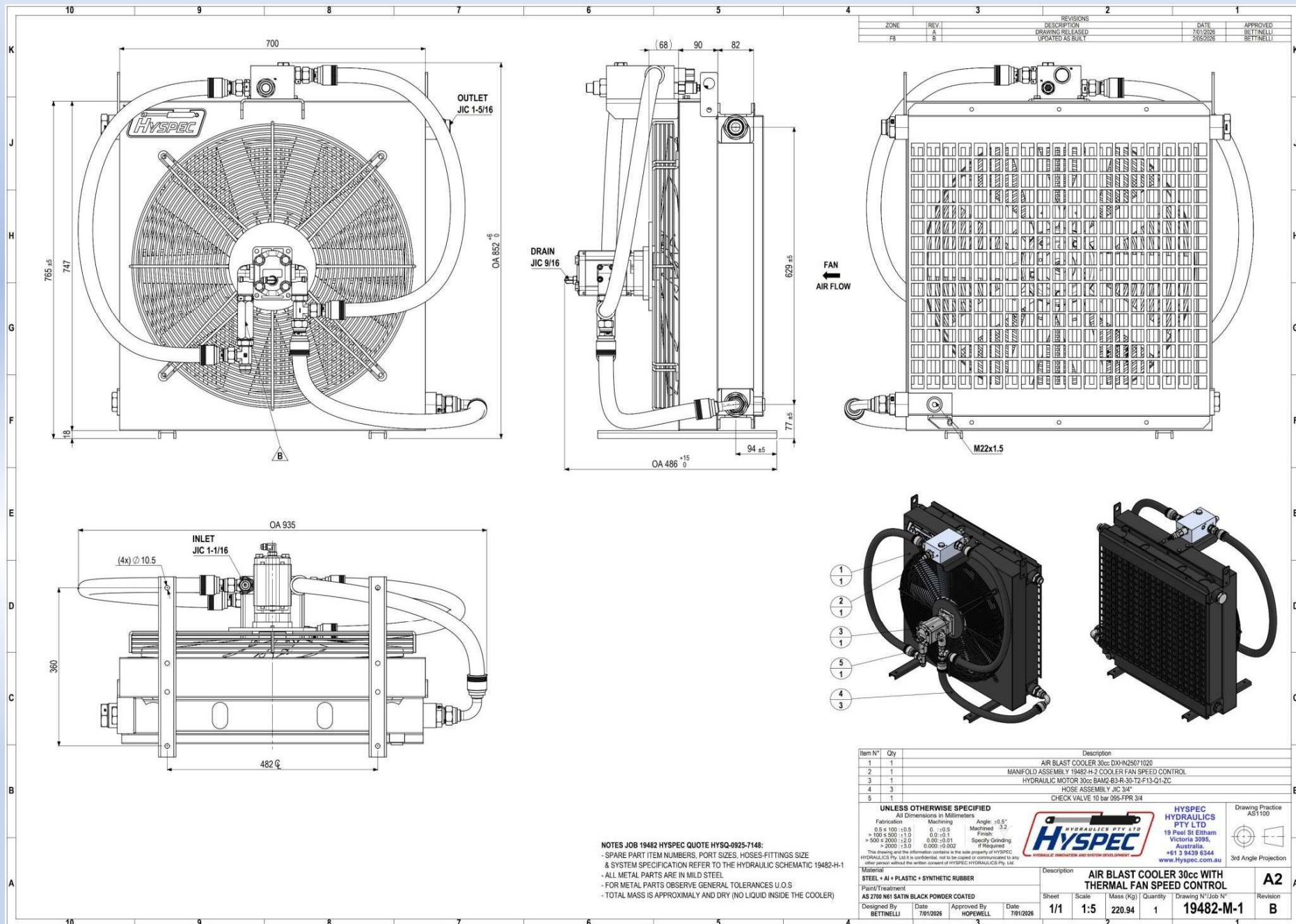


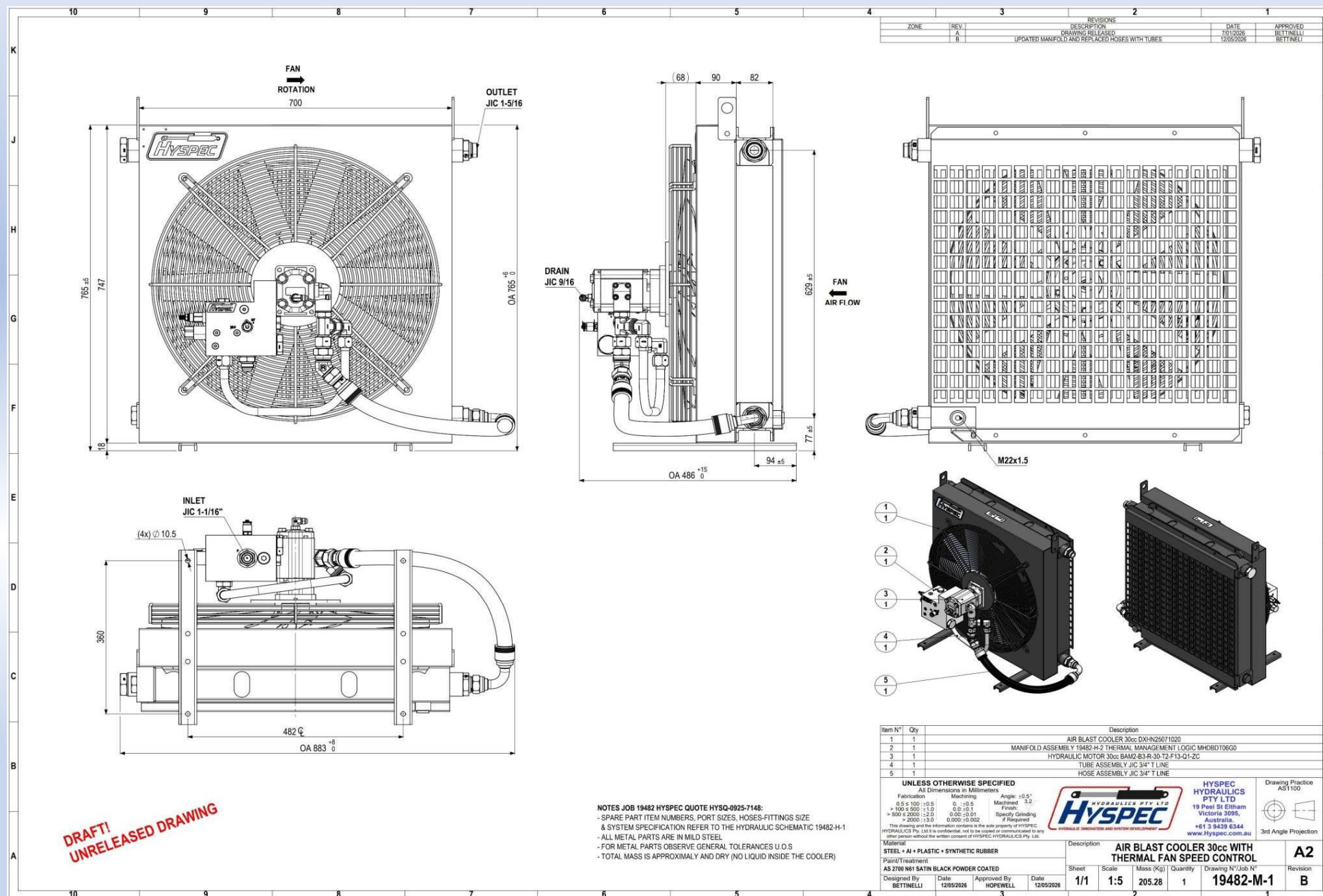
**HLEC-ST-02-A Quad – motor
single ratio gearbox system**



Technical specifications

Electric motor specifications	
PMSM	PMSM (Permanent magnet synchronize motor)
Rated voltage	600VDC
Peak power	250kW×4
Rated power	150kW×4
Peak torque	1250Nm×4
Rated torque	550Nm×4
Peak speed	12000rpm
Rated speed	2600rpm
IP rating	IP67
Gearbox specifications	
Transmission ratio	3.967
Input torque	5000Nm
Input speed	12000rpm

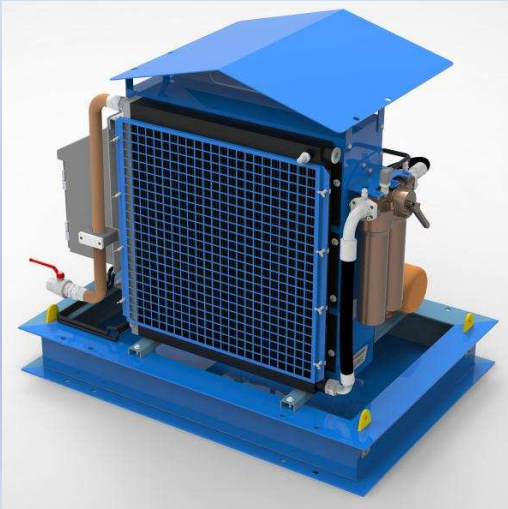




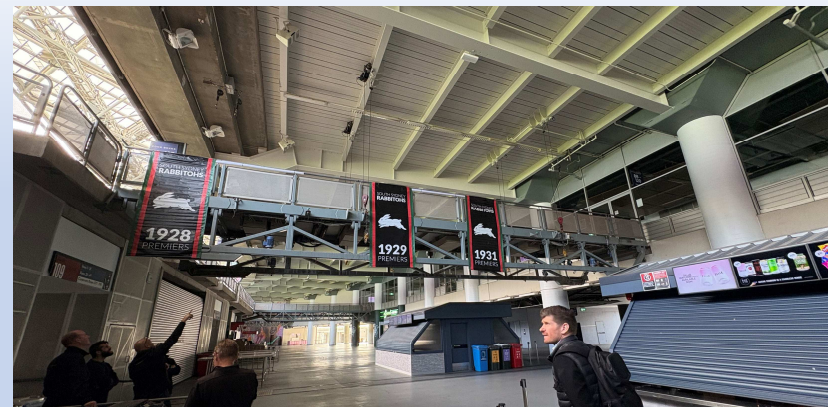
HYSPEC PROJECTS







HYSPEC PROJECTS



THANK YOU

