

COMPANY **PROFILE**

PT. BRENSON CITRA ABADI

Commercial & Industrial Tools Suppliers





OFFICE

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Distributor Peralatan Industri, Supplier Peralatan Safety, Mechanical & Electrical. PT. Brenson Citra Abadi merupakan perusahaan yang bergerak di bidang Industrial Supplies (Mechanical & Electrical), dan merupakan distributor dari Cromwell dan Grainger. Kedua perusahaan ini merupakan perusahaan terkemuka dari Eropa dan Amerika sehingga dapat memberikan pilihan terluas untuk semua industri.

PT. Brenson Citra Abadi berdiri sebagai solusi atas kebutuhan peralatan industri yang semakin berkembang. Dengan tujuan memberikan produk yang terbaik, pelayanan prima dan pengiriman tepat waktu, kami akan memberikan solusi yang maksimal.

Melalui kualitas pelayanan terbaik & pengalaman yang telah kami miliki di peralatan industri, maka kami siap untuk menjawab kebutuhan dan kepercayaan konsumen. Bukti yang kami berikan dengan cara menawarkan jenis produk yang lengkap dari brand yang terpercaya dan menawarkan kebebasan dalam menentukan produk yang sesuai dengan kebutuhan.

VISI

Menjadi mitra industri yang terbaik dalam menyediakan peralatan dan perlengkapan teknik di seluruh Indonesia.

MISI

Memberikan kepuasan, menjaga komitmen dan kepercayaan mitra dengan memberikan pelayanan yang terbaik.

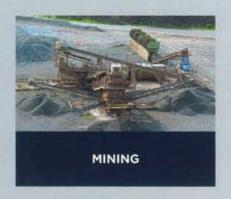
TUJUAN

Menjadi perusahaan yang kompetitif, efektif dan memiliki base konsumen yang loyal.

SCOPE OF SUPPLY

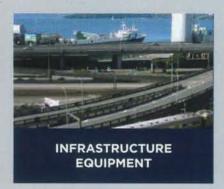






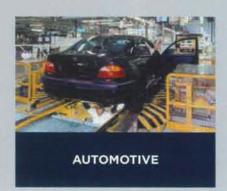


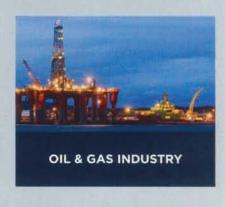
ELECTRICAL & LABORATORY EQUIPMENT



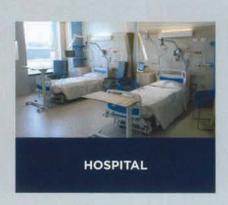














PRODUCT CATEGORY



CUTTING TOOLS





ABRASIVES & POWER TOOLS





PRECISION & LABORATORY EQUIPMENT





WORKSHOP EQUIPMENT





HAND TOOLS





FASTENERS







LUBRICANTS & CHEMICAL PRODUCTS

















JANITORIAL & HYGIENE











WELDING





SITE MAINTENANCE





PERSONAL PROTECTION





ELECTRICAL (S)





PACKAGING





FABRICATION







RACKING







BELT CONVEYER







SCAFFOLDING







EPOXY DAN COLD PLASTIC







FABRIKASI











More Products. Thousands of Solutions. One Source.

PRODUCT CATEGORY	PRODUCTS	BRANDS		
Motors & Power Transmission	Bearings, Belts, Brakes/Clutches, Bushings, Chain, Couplings, Definite Purpose Motors, Gearmotors, General Purpose Motors, HVAC Motors, Linear Motion, Pulleys, Sheaves, Speed Reducers, Sprockets, Vibrators	A.O. Smith Ametek Boston Gear Bunting Bearing Dayton Duff Norton FAG Fenner Drives	GE Genteq INA Leeson Lovejoy Morrill Autonics NTN Ruland	Smith Bearing T.B. Wood's Thomson Tsubaki Vibco Warner Electric WEG Winsmith
Electrical	Circuit Breakers, Conduit, Electrical Tape, Fuses, Outlet Boxes, Power Cords, Pushbuttons, Raceways, Receptacles, Relays, Solenoids, Starters, Surge Suppressors, Timers, Transformers, UPS Systems, Wire	3M Electrical Appleton Cooper-Bussmann Dayton Eaton Franklin GE	General Cable Hubbell Ideal Leeson Electric Mersen Miller Electric Panduit	Schneider Electric Siemens Southwire Square D Thomas & Betts Tripp Lite
Lighting	Ballasts, Batteries, Cord Reels, Dimming Controls, Dock Lights, Exit Signs, Fixtures, Flashlights, Hand Lamps, Jobsite Lighting, Lamps, LED Lighting, Machine Tool Lights, Recycling Kits, Track Lighting, Troffers	Acro-Tech Advance Air Cycle Cooper Lighting Duracell Energizer Fostoria	GE Hubbell Lithonia Lighting LumaPro Lutron Mag-Lite Optiled	Pelican Philips Shat-R-Shield Streamlight TCP Veolia Westward
Test Instruments	Air Movement Testing, Anemometers, Bench Testing, Chart Recorders, Circuit Testing, Gauges, Megohmmeters, Multimeters, Oscilloscopes, Soil Sampling, Stroboscopes, Tachometers	AEMC Agilent Alnor Amprobe Instrument Ashcroft B & K Precision Bacharach	Cooper-Atkins Cordex Dickson Dranetz-BMI Dwyer Extech Flir	Fluke Greenlee Ideal Megger Monarch Simpson Westward
Lab Supplies	Equipment, Instruments, Chemicals, Plasticware, Glassware, Pipettes	Bel-Art Dragonmed Dynalon Hanna Hemco Kimble Chase	LabChem Lab Safety Supply Molecular Bioproduct Nalgene Oakton Polyscience	Qorpak Reichert Shellab Spectrum Chemical Troemner Wheaton
Hand Tools, Fleet/ Vehicle Maint. & Outdoor Equipment	Chain Saws, Concrete Mixers, Cranes, Creepers, Generators, Grease Guns, Hand Tools, Insect Control, Jacks, Lawn Maintenance, Lift Equipment, Lubricants, Master Sets, Oil, Rakes, Shop Presses, Shovels, Sprinklers, Tool Storage, Water Hoses, Wheelbarrows	Ames True Ariens Baldwin Blackhawk Briggs & Stratton Centurion Cooper Tools Dayton	Exxon Mobil Generac Grote Honda Irwin KD Tools Klein Tools Makita	Poulon Pro Ridgid SPX OTC Stanley Proto Swapper True Temper Westward
Material Handling	Cabinets, Carts & Trucks, Casters, Conveyors, Door & Door Accessories, Drum & Dock, Hoists/Winches & Rigging, Ladders, Mounts & Vibration Control, Packaging & Shipping, Scaffolding, Tarps	Albion Ashland CM Coffing Dayton Eagle	Harrington Hoist Ingersoll-Rand InterMetro Lift-All Little Giant Magline	Mason OZ Lifting Rubbermaid Skolnik Southworth Warn
Janitorial & Painting	Cleaning Chemicals, Cleaning Equipment, Cleaning Supplies, Hand and Personal Hygiene, Hospitality, Paint/Painting Supplies, Paper Products, Restroom Equipment, Waste Containers & Liners, Work Uniforms	3M Benjamin Moore Clorox Dayton Diversey Excel Dryer	Georgia-Pacific Gojo Hoover Kimberly Clark Oreck Purdy	Rubbermaid Rust-Oleum Simple Green Tennant Tough Guy Zep
Shelving & Storage	Bins & Totes, Cabinets, Chairs, Clocks, In-Plant Offices, Ladders, Lockers, Office Equipment, Furniture & Supplies, Packaging, Racks, Scales, Shelving, Shop Furniture, Storage, Tape	3M Akro-Mills Cotterman Durham Edsal Goodwrappers Hallowell Hewlett Packard	HON Lista Louisville Ladder Lyon Metro Nashua Ohaus Quartet	Sharpie Signode Shurtape Stanley/Vidmar Strong Hold Tennsco Werner Wireway/Husky

More Products. Thousands of Solutions. One Source.

PRODUCT CATEGORY	PRODUCTS	BRANDS		
Safety	Emergency Preparedness, Facility Safety, Fire Protection, First Aid, Identification, Industrial Safety, Instrumentation, Personal Protective Equipment, Safety Storage, Spill Control & Containment, Traffic Safety	3M Accuform Aearo Ansell Bradley Brady Bulwark Capital Safety	Carhartt Condor Eagle Fibre-Metal Justrite Kidde Miller MSA	North NoTrax Salisbury Sperian Uvex Wells Lamont Wolf Peak
Security	Alarms, CCTV Security Systems, Door Hardware, Electromagnetic Locks, Exit Devices, Fire Panels, Gas Springs, Keyless Access Control, Locksets, Metal Detectors, Padlocks, Safes, Security Doors, Two-Way Radios	Alarm Lock American Lock Battalion Brady Ceco Edwards Signaling Garrett Metal Detectors	HPC Kaba Kenwood Key-Bak Master Lock Motorola Mr. Chain	Peerless Schlage Sentry Safe Speco Tensabarrier Trilogy by Alarm Lock
Fasteners & Raw Materials	Adhesives, Anchors, Bolts, Caulk, Felt, Fiberglass, Metals, Nails, Nuts, O-Rings, Pins, Plastic, Retaining Rings, Rubber, Screws, Sealants, Shims, Spacers, Springs, Standoffs, Thread Inserts, Threaded Rods & Studs, Washers	3M DAP Devcon Excalibur GE Handi-Chek ITW	ITW Bee Leitzke ITW Shakeproof Jet-Lube Loctite Marson MKT Nord-Lock	Ramset Red Head Simpson Strong - Tie Spax Westward Wingits
Power Tools & Metalworking	Abrasives, Blades, Chemicals, Cutting Tools, Lubrication, Machining, Oils, Power Tools, Precision Measuring, Stationary Tools, Tool Holding, Welding, Work Holding	CRC Bosch Chicago Latrobe Cleveland Twist Drill Dayton Dewalt Exxon Mobil Guhring	Irwin KEO Lenox Lincoln Electric LPS Makita Miller Milwaukee Electric	Morse NiagraCutter OSG Sandvik Victor Weiler Westward Widia GTD
Prince Management of the Prince of the Princ	Adapters, Air Compressors, Clamps, Couplings, Cylinders, Dryers, Filters, Fittings, Hoses, Hose Reels, Lifting, Motors, Oil Coolers, Power Units, Pumps, Regenerative Blowers, Tools, Vacuum Pumps, Valves	Chicago Pneumatic Conrader Coxreels Dominick Hunter Dynabrade Eaton Emhart Enerpac	Exair Fuji Gast Goodyear Eng. Products Guardair Hankison Hitachi Ingersoll-Rand	Numatics Parker Reelcraft Solberg Speedaire Stanley Bostitch Westward Wilkerson
Pumps & Plumbing	Centrifugal Pumps, Faucets, Flowmeters, Pipe/Valves/Fittings, Positive Displacement Pumps, Sinks, Sump/Sewage Pumps, Toilets, Tubing, Urinals, Water Coolers, Water Filtration, Water Heaters, Water System Pumps	American Standard Apollo ASCO Bell & Gossett Bemis Chicago Faucets Dayton Elkay Fill-rite	Georg Fisher Goulds GPI Grundfos Hayward Honda IR ARO Little Giant Milwaukee Valve	Moen Parker Rheem Ruud Sloan Spence Stenner Viega Watts Regulator Zoeller
HVAC & Refrigeration	A/C & Refrigeration, Air Filters, Air Treatment, Blowers, Central Equipment, Dehumidifiers, Fans, Heating Equipment, Humidifiers, HVAC Controls, Power Roof Ventilators, Shutters/Dampers, Thermostats	Air Handler Air King Airrex Bristol Broan Comfort Aire Danby Danfoss Dayton Fantech	Forane Fostoria Friedrich Frigidaire Honeywell Johnson Controls Manitowoc Mars Air Systems Marvel Noriake	Nu-Calgon Parker Port-A-Cool Qmark Raychem Robert Shaw Trion, Inc. White Rodgers Yellow Jacket







Adjustable Wrenches

KEN-501

Product Focus

Features

- Drop forged chrome vanadium steel
- Phosphate finish
- Slim jaw profile
- Contoured jaws
- Geometric handle design
- Metric graduations
- Cushion grip
- Wider than average jaw opening



Benefits

- Drop forge steel adds extra strength and increases tool life
- Phosphate finish prevents rust, increases grip and increases tool life
- Slim jaw profile allows access to restricted areas
- Contoured jaws gives increased grip to worn fasteners
- Geometric handle for user comfort and increased grip
- Metric graduations for quick pre-adjustment
- Wider jaw opening increases capacity

Phosphate finish Cushion grip

mm 501-308

Ratchet Spanner & Socket Set

KEN-582-3980K

Product **Focus**

Features

- Open ended spanner
- Ratchet ring spanner
- Go-thru single hex sockets
- Chrome vanadium steel
- Mirror finish
- Heavy duty case

Benefits

- Chrome vanadium steel increases tool life
- Mirror finish wipe clean prevents dirt build and rust
- Extra length for increased torque
- 72 tooth ratchet system only requires 5° movement to operate
- Thin wall design allows access to restricted areas
- Quick release adaptors for conversion to ratchet handle
- Go-thru sockets for use on studding
- Case gives easy storage and protection to increase tool life



23 piece 10-19mm

Insulated Screwdrivers Set

KEN-572-5870K

Features

- 2 in 1 design
- Insulated and safe to use up to 1000v / 1500v DC
- 5 parallel sizes
- 3 cross point sizes
- Compact protective pouch with belt loop



Benefits

- 2 in 1 design means that for low torque applications the insert can be used with the swivel cap, it can then be applied to the handle for use on higher torque applications
- VDE certified for safe use up to 1000v / 1500v DC
- Wide range of sizes to cover every eventuality
- Compact case gives easy storage and protection to increase tool life
- Belt loop for easy carrying and time saving

10 piece Interchangeable

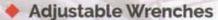




KENNEDY.

An Extensive Range of Spark Resistant Tools

Essential in many industries such as petroleum, gas, mining, oil, chemical, marine, spray booth operations, the paper industry or any location where flammable vapours or combustible residues are present.



- Ball Pein Hammers
- Chain Pipe Wrenches
- Chisels
- Combination Spanners
- Cylindrical Drifts
- Drift Punches
- Extensions
- Hacksaw Frames
- Hex Key Wrenches
- Impact Sockets
- Marking Tools
- Open End Slogging Wrenches
- Pipe wrenches
- Pliers
- Putty Knives
- Ratchet Handles
- Ring End Slogging Wrenches
- Scaling Hammers
- Scrapers
- Screwdrivers
- Shovels
- Single Open End Spanners
- Sledge Hammers
- Slogging Wrenches
- Socket Wrenches
- Sockets
- Speed Braces
- Swivel Handles
- T Handles
- Universal Joints
- Valve Handles
- Wedges
- Wrecking Bars





Tried, tested & trusted in Industry









Spring loaded lamp holders



Many gland options

Specification

IP66/67 high-quality industrial and marine longlife luminaire for T8, minimal maintenance and excellent overall economy. The luminaire has spring-loaded lamp holders, which facilitate maintenance. Reflector can be supplied as an accessory.

The luminaire housing is made of Aluzink, aluminium or stainless steel, with white stove-enamelled epoxy/ polyester powder finish. The cover is made of impact-proof polycarbonate or chemical-resistant material ('Kembest').

The emergency model is available with an integral emergency light or external emergency light box. The emergency light is available in 1 or 3 hour duration models. (58W 1 hour only)

As Glamox MIR 67

Connection

Two 8 mm hood nuts for suspended installation can be located at any point along the centre line of the luminaire, ensuring flexibility and ease of installation.

A range of brackets are supplied as accessories. Fixed brackets on the ends of the luminaire can also be supplied.

5-way 6 mm² connector with screw bushing in the luminaire or on the external connector box. $5 \times 2.5 \text{ mm}^2$ through wiring can also be supplied.

With or without power factor correction, with conventional or low loss ballast. Deos electronic starter. Electronic ballast, with optional dimming.

Cable entry: Choice of 0, 1 or 2 glands at each end. PG13.5, PG16, M20 or M25 glands are standard and available in polyamide or brass. Cable entry also via glands in the external connector box.

Voltage (V)/ Frequency (Hz): 110/60; 230 / 50; 230 / 60; 240 / 50; 240 / 60; 250 / 60.







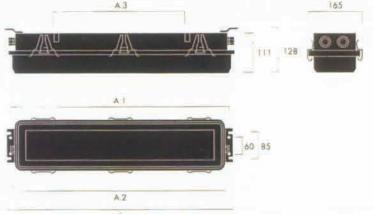




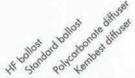


- · High quality industrial/marine longlife luminaire, minimal maintenance and excellent overall economy.
- IP 66 (dust tight and jet proof).
- IP 67 (dust tight and immersion proof).
- Wide variety of installation options.





	A	A.1	A.2	A.S	3 (hood	nut)
18w	724	704	681	400	430	450
36w	1334	1314	1291	800	950	
58w	1634	1614	1591	800	950	1100



				004411
	•			004337
•				004412
•				004543
	•			004338
	•		•	004542
•		•		004545
•			•	004546
	•			004474
	•		•	004544
	•			

For Emergency options see page 258

For Suspension options see page 209

The matrix above shows only a part of the possible products that our module based Multi series makes possible. All product variants have the same short delivery time. Look at page 310 for more information and contact your local Glamox sales office.



































Diffuser options



Easy maintenance



Locking for gear tray



Secure and locked













Spring loaded lamp holders



Many gland options

Specification

IP66/67 luminaire for one or two T8 light lamps with spring-loaded lamp holder; 18, 36 or 58 Watt. The luminaire can be supplied with fitted light lamp on request. Reflector can be supplied as an accessory.

The luminaire housing is made of Aluzink or stainless steel, with white stoveenamelled epoxy/polyester powder finish. The cover is made of impact-proof polycarbonate.

The 18W and 36W luminares are supplied with a built-in emergency light which functions for 1.5 or 3 hours. To ensure optimum operation, the batteries are located in a permanently attached external box which is an integral part of the luminaire All emergency lights are based on recently developed pulse charging technology which ensures faster recharging and longer lifetime for the batteries.

18/36W Ta 45°, 58W Ta 30°

As Glamox MIX 67 Ex zone 2

Connection

Two 8 mm hood nuts for suspended installation can be located at any point along the the centre line of the luminaire, ensuring flexibility and ease of installation. A range of brackets are supplied as accessories.

Fixed brackets on the ends of the luminaire can also be supplied.

5-way 5 mm² connector with screw bushing. 5 x 2.5 mm² through wiring can be supplied.

With or without power factor correction, with low loss ballast.

Cable entry: Choice of 0, 1 or 2 glands at each end. PG16, M20 or M25 glands are standard and one available in polyamide or brass.

Voltage(V)/Frequency(Hz): 220-250 / 50-60. 110-127 / 50-60 on request.





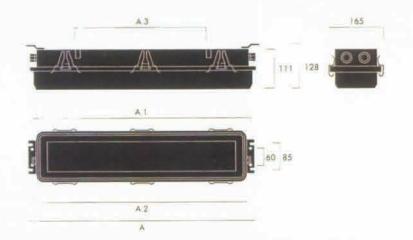








- High quality industrial/marine longlife luminaire, minimal maintenance and excellent overall economy.
- IP 66 (dust tight and jet proof).
- IP 67 (dust tight and immersion proof).
- Wide variety of installation options.
- Suitable for areas where there is a danger of explosion, zone 2, for industrial applications and on ships.





18w	Α	A.1	A.2	A.3	(hood	nut)
	724 704	704	681	400	430	450
36w	1334	1314	1291	800	950	
58w	1634	1614	1591	800	950	1100

MIR aluzink with end brackets IP66/67

MIX Z 2x18w T8		004455
MIX Z 2x36w T8	•	004457
MIX Z 2x58w T8		004482

For Emergency options see page 258 For Suspension options see page 209

The matrix above shows only a part of the possible products that our module based Multi series makes possible. All product variants have the same short delivery time. Look at page 310 for more information and contact your local Glamox sales office.



Diffuser options



Locking for gear tray



Secure and locked













































Ex lamp holder



Through wiring

Specification

IP66/67 luminaire for two T8 lamps and special lamp holder for zone 1 developed by Glamox; 18, 36 or 58 Watt. Reflector can be supplied as an accessosy. The luminaire housing is made of Aluzink or stainless steel, with white stove-enamelled epoxy/polyester powder finish. The cover is made of impact-proof polycarbonate.

The 18W and 36W luminares are supplied with a built-in emergency light which functions for 1.5 or 3 hours. To ensure optimum operation, the batteries are located in a permanently attached external box which is an integral part of the luminaire All emergency lights are based on recently developed pulse charging technology which ensures faster recharging and longer lifetime for the batteries.

As Glamox MAX 67 Ex zone 1_____

Connection

Two 8 mm hood nuts for suspended installation can be located at any point along the the centre line of the luminaire, ensuring flexibility and ease of installation. A range of brackets are supplied as accessories.

Fixed brackets on the ends of the luminaire can also be supplied. 6-way 6 $\,$ mm² connector with screw bushing. $6 \times 2.5 \,$ mm² through wiring can be supplied.

Cable entry: Choice of 0, 1 or 2 glands at each end. PG16, M20 or M25 glands are standard and one available in polyamide or brass.

Voltage(V)/Frequency(Hz): 220-250 / 50-60. 110-127 / 50-60 on request.





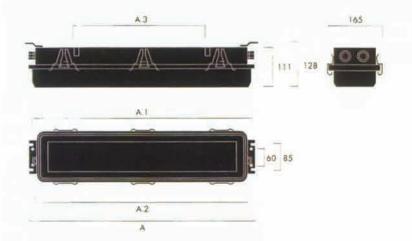








- High quality industrial/marine longlife luminaire, minimal maintenance and excellent overall economy.
- IP 66 (dust tight and jet proof).
- IP 67 (dust tight and immersion proof).
- Wide variety of installation options.
- · Suitable for areas where there is a danger of explosion, zone 1, for industrial applications





	A	A.1	A.2	A.3	(hood	nut)
18w	724	704	681	400	430	450
36w	1334	1314	1291	800	950	
58w	1634	1614	1591	800	950	1100

MAX aluzink with end brackets

			2.5	o plug
	HE OF	allost o	odh Wirin	don'd and
MAX Z 2x18w T8	•	Thi	₹ ⁰ (004452
MAX Z 2x36w T8				004506
MAX Z 2x58w T8	•	•		004508
BET .	At .		Later Vil	

For Emergency options see page 258 For Suspension options see page 209

The matrix above shows only a part of the possible products that our module based Multi series makes possible. All product variants have the same short delivery time. Look at page 310 for more information and contact your local Glamox sales office.



Easy maintenance



Diffuser opens with tool

























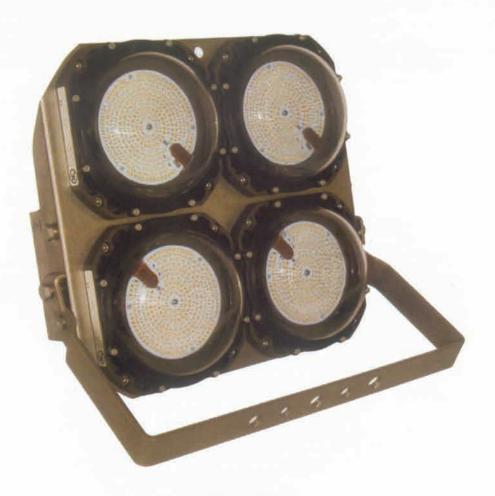












FL60 LED Floodlight















Innovative driver technology

LED solutions are dependent on conventional drivers (electrical control units) to manage the power input into the LED. The drivers are the weakest link in most LED solutions. FL60, however, does not have a conventional driver. Our engineers have designed a LED system with new, advanced IC driver technology, and the result is:

- Extremely long system lifetime
- Highly improved system efficiency
- Wide ambient temperature range
- Flexible engineering, no inrush current



FL60 is covered by a five year warranty. More information available on www.glamox.com/gmo

Long system lifetime and excellent heat management



Heat management is a deciding factor in the development of a new LED solution. FL60 is constructed to meet this challenge, and designed for operation in ambient temperatures ranging from -45° C to .55° C.



Versatile floodlight

Available in 1,2,3 and 4 module versions; Narrow; medium and wide beam.

Each single module is made of seawater resistance aluminium and mounted by stainless steel frame and bracket. The combination of these materials brings a solid floodlight with low weight of less then 16 kg for the 4 module version.



1 module version





Ex d - LED oodlight

- Ta Ta 50 55
 - IP 66
- LED





- Long lifetime
- · Low maintenance
- Low power consumption

Application

Hazardous areas zone 1 and 2

Design

According to rules of maritime classi cation societies and IEC standards

Approval authority

IBExU

Ambient temperature

- 50 C up to + 55 C

Housing

Modules die-casting, seawater resistant aluminium; Frame and bracket stainless steel AISI 316

Finish

Modules anodised

Pane

Safety glass dome

Termination

Ex e exterior connection box, terminal 6 mm

Cable entry

2 cable glands M25 Ex e brass nickel plated (others on request) standard for cable 10 to 17 mm



Light sources

LED

Mounting

Adjustable bracket with 5 mounting holes, 14 mm



Connection box at the back

More variants are available on request. Complete assortment on www.glamox.com/gmo

Product	Part-No. 120V 50/60Hz	Part-No. 230V 50/60Hz	Weight kg	Lamp	Light Distribution
FX60 T4 2 moduls horizontal NB	FX60210000	FX60200000	9,0	LED	A
FX60 T4 2 moduls horizontal MB	FX60211000	FX60201000	9,0	LED	
FX60 T4 2 moduls horizontal WB	FX60212000	FX60202000	9,0	LED	В
FX60 T4 3 moduls NB	FX60310000	FX60300000	14,2	LED	
FX60 T4 3 moduls MB	FX60311000	FX60301000	14,2	LED	
FX60 T4 3 moduls WB	FX60312000	FX60302000	14,2	LED	
FX60 T4 4 moduls NB	FX60410000	FX60400000	17.0	LED	
FX60 T4 4 moduls NB	FX60411000	FX60401000	17.0	LED	
FX60 T4 4 moduls NB	FX60412000	FX60402000	17,0	LED	

NB = Narrow beam, MB = Medium beam; WB = Wide beam





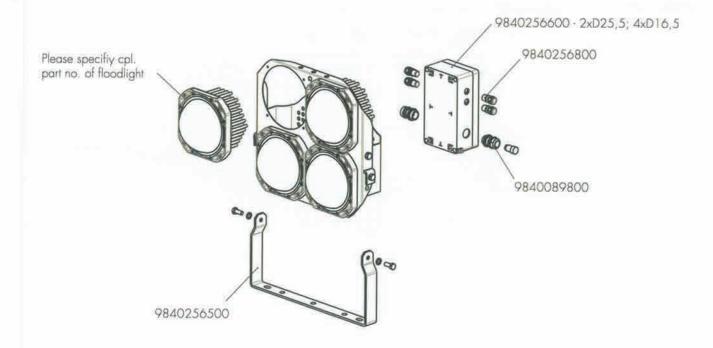


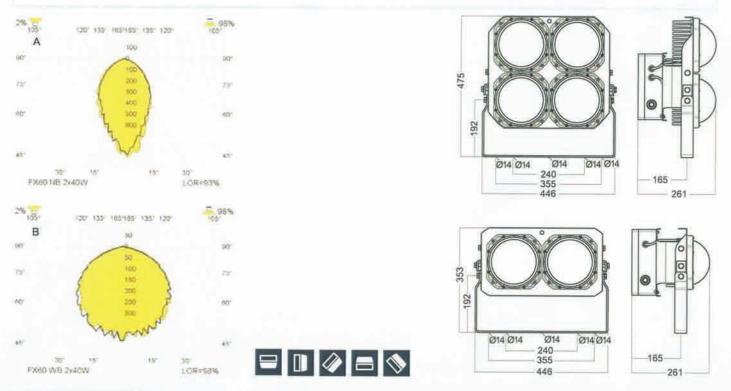






Spare Parts/ Accessories



















TL60– Innovative watertight LED luminaire















A special designed housing for heat management makes TL60 a "one of kind" for demanding applications. Heat management is a deciding factor in the development of a new LED solution. The TL60 is designed for a lifetime of 100.000 hours at 45°C ambient temperature. The maintenance free luminaire can give substantial savings in money and manpower.

Maintenance

The design of the TL60, with a robust and solid diffuser system – in combination with the state of the art LED technology and driver, eliminates the need for maintenance.

Housing

- Seawater resistant aluminum anodized
- White powder-coated (optional)













Reduced energy consumption

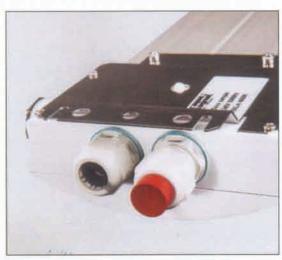
- Using LED technology is environmental friendly and saves money due to the low energy consumption.
- The TL60 will give substantial energy saving compared to a conventional luminaire
- · Payback time on extra investment is short compared to a conventional luminaire

Installation

The TL60 is installation friendly and has the same flexible mounting options with different mounting brackets available like the 1044/1444 or MIR.



Connection box with 4 cable glands



Mounting brackets















TX65 Zone 1 and 2 LED Area Lighting















Innovative driver technology

LED solutions are dependent on conventional drivers (electrical control units) to manage the power input into the LED. The drivers are the weakest link in most LED solutions. TX65, however, does not have a conventional driver. Our engineers have designed a LED system with new, advanced IC driver technology, and the result is:

- Extremely long system lifetime (100.000 hours at 45°C ambient temperature)
- Highly improved system efficiency
- Wide ambient temperature range
- · Flexible engineering, no inrush current
- CCT: 5000 Kelvin (optional 3000 Kelvin)
- Available variants: 110V up to 254V
- Available lumen variants: 1 module 3000, 4500 lm.
 2 modules 6000, 9000 lm
- . (Il 2 G Ex de IIC T4 Gb



TX65 is covered by a five year warranty More information available an www.glamox.com/gmo

Long system lifetime and excellent heat management

The product design have been undergoing thorough heat conduction and dissipation simulation giving all components optimal conditions, ensuring long life time.



Heat management is a deciding factor in the development of a new LED solution. TX65 is constructed to meet this challenge, and designed for operation in ambient temperatures ranging from -50°C to +55°C.

Different mounting types

The versatile TX65 LED Area Lighting can be mounted in two different ways:

Ceiling mounted



Pole mounted



The TX65 is available as 1 and 2 module version

2 module version



MAX

GLAMOX

- · High quality explosion proof luminaire, zone 1
- Easy maintenance
- Self-locking diffuser clips





Battery box

Specifications

EEx e high quality longlife luminaire.

The luminaire has a hinged geartray for easy

The luminaire housing is made of Galfan (Z) or ocid resistant steel (S), with white stoveenamelled epoxy/polyester powder finish. Housing of Galfan (Z) is not suitable for marine outdoor installation.

The cover is made of impact-proof polycarbonate.

The emergency model is supplied with an external battery box.

Emergency light versions (18W and 36W) are available with 1.5 or 3-hours battery duration (T4). All emergency fixtures (E1/E3) are prepared for remote control of emergency functions.

Diffuser clamp goes automatically in locked position when closed. Tool to be used for opening according to class requirements.

Light source

Designed for two T8 (T26) lamps in 18, 36 or 58W.

Light sources not included.

Ballast

Delivered with electronic ballast (HFX), or electronic ballast with 1.5 or 3 hour emergency battery back up (HFXE).

Mounting

Fixed end bracket as standard, M8 hood nuts with alternative suspension systems available on request.



Optics

Polycarbonate diffuser. Reflector on request.

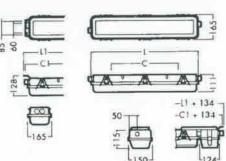
Connection

Choice of 1 or 2 glands at each end. (emergency versions have only one entry at battery box). M20 or M25 glands available in polyamide or brass. 6-way 6 mm2 terminal block with screw terminals and special earth clamp for braided sleeve in armoured cable.

6 x 2.5mm2 through wiring (TW) is standard.

Options

Light sources fitted on request.



1P66/67,	Ta=45°C, EEx edm IIC T4	/T5 Zone 1, Nem	ko 02/	ATEX33	80 CE	(E)	3	
Code No.						Weight	La	mp
	HF	LI LI	CI	L	C	Kg	Code	Bas
W PC M20	004845	724	704	681	430	4.4	T26	G13
W DC MOO	004946	1224	1314	1201	950	77	T26	G12

MAXZ67 218 TV 3 T26 G13 1334 1314 1291 950 7.7 MAXZ67 236 TW PC M20 004846 7.2 T26 G13 724 704 681 430 MAXZ67 218 E3/S-E TW PC M20 MAX016978 G13 MAX016979 1334 1314 1291 950 8.9 T26 MAXZ67 236 E3/S-E TW PC M20 430 T26 G13 MAXS67 218 TW PC B25 004956 724 704 681 4.4 1334 1314 1291 950 7.7 T26 G13 MAXS67 236 TW PC B25 004963 G13 430 7.2 T26 MAXS67 218 E3/S-E TW PC B25 005600 724 704 681 1334 1314 1291 950 9.0 T26 G13 MAXS67 236 E3/S-E TW PC B25 005599

M20 = Cable gland Polyamid M20, B25 = Cable gland Bross M25



Product Name











Polar Diagram



Spare Parts Cable clamp See spare part list Terminal block 3209440062 (left) Diffuser clamp 3209440362 (right) PA980109002 Ballast See spare part list Micro switch 15083005 Lamp holder Battery PA990529010 (4,8V) PA020409013 (brown) PA020409014 (blue) PA990529001 (8,4V) PA020409017 (double) Diffuser PA970917018 (18W) PA970917036 (36W) = AA ₩ 13%



97061001





LOR=70%







Floodlight for halogen lamps



- · Deep drawn stainless steel housing
- Instant light provided by halogen lamps
- · No tools required to open the housing



Decks and holds, industrial and sport areas

Design

According to rules of maritime classi cation societies, additional VDE and IEC / EN

Housing

Stainless steel deep drawn, seamless

Finish

Powder coated white RAL 9016 and enamelled up to 70 - 80 µm thickness

Pane

Safety glass

Re ector

Highly polished aluminium, anodized

Electric

Flexible wiring, silicone insulated, heat resistant up to 180 C; exterior connection box; terminal 3 - pale / 6 mm²



Lamp base

R7s, L=185.7 mm

Light sources

[Not included] Halogen lamp L 185.7 mm, 750W / 1 000W

Mounting

Adjustable bracket with 5 mounting holes, dia. 11 / 14 mm

Cable entry

Brass cable gland M 24 x 1.5 MGCG; standard for cable dia. 10 to 12.5 mm

Remark

For 1000W use lamps of following manufacturers only: BLV, Osram, Philips, Radium, General Electric

More variants are available on request. Complete assortment on www.glamox.com/gma

Product	Part-No. max. 240V	Weight kg	Lamp	Lamp Base	Light Distribution
1076 max. 1x1000W Halogen NB B24	1076090000	7.00	QTDE12	R7s	A
1076 max. 1x1000W Halogen WB B24	1076091000	7.00	QIDE12	R7s	В
$NB = Narrow beam re ector 18^9$ $WB = Wide beam re ector 34^9$ $B24 = Brass contracts 18^9$	able gland M24x1.5				
Accessories	Part-No.				
Halogen lamp 750W R7s (230V, 185.7 mm)	9840102300				
Halogen lamp 1000W R7s (230V, 185.7 mm)	9840101100				
Gland gasket insert 12.0-16.5 mm	8100474800				





Gland gasket insert 16.0-18.0 mm

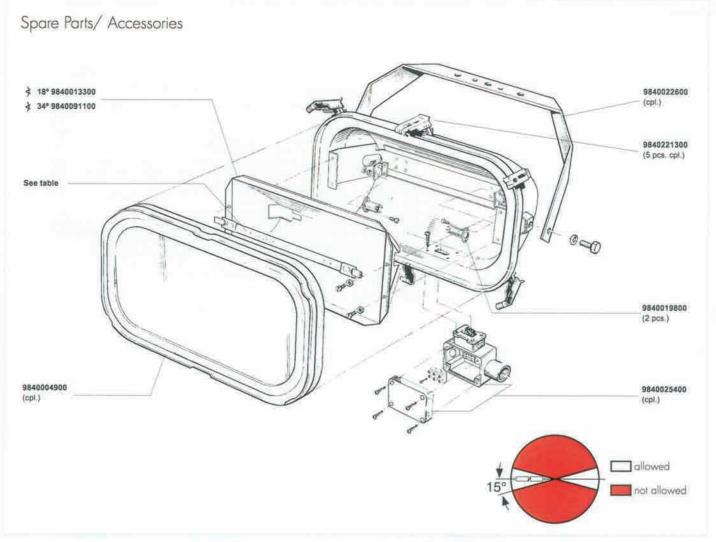


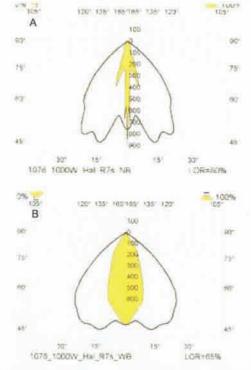


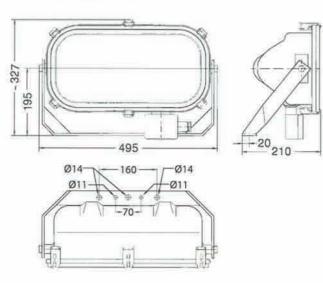
8100475600













Measurements are in mm













Ex n - oodlight for high pressure sodium lamps or metal halide lamps, separate ballast required







Ex n

- · Deep drawn stainless steel housing
- · High light output
- · No tools required to open the housing

Application

Hazardous areas zone 2

Design

According to international rules for zone 2 and EN 50021:1999 / I EC 79-15, EN 60079-15:2005

Approval authority

Physikalisch-Technische Bundesanstalt Braunschweig, cert. na. PTB 03 ATEX 2246X

Ambient temperature

- 20 C up to + 55 C

Housing

Stainless steel deep drawn, seamless

Finish

Powder coated white RAL 9016 and enamelled up to 70 - 80 µm thickness

Pane

Safety glass

Electric

Flexible wiring, silicone insulated, heat resistant up to 180 C, exterior connection box; terminal 3 - pole / 6 mm ²



Cable entry

Brass cable gland M 24 x 1.5 MGCG; standard for cable dia. 10 to 12.5 mm

Lamp base

E40

Light sources

(Not included.) High pressure sodium lamps (HS) / metal halide lamps (HI)

Mounting

Adjustable bracket with 5 holes, Ø 10.5 / 14 mm

Remark

Ballast unit has to be ordered separately (see type no 1527). Use lamps from wellknown manufacturers only

More variants are available on request. Complete assortment on www.glamox.com/gmo

(Ex) II 3 G EEx nR II T3 up to 250W / T2 400W

Product	Part-No. max. 240V	Weight kg	Code	Base	Light Distribution
1776 1x250/400W H5 /HI NB B24	1776001000	7.40	H5/HI	E40	A
1776 1x250/400W HS /HI WB B24	1776002000	7.40	H5/HI	E40	В

Accessories	Part-No.	
HS lamp 250W E40	9840102600	
HS lamp 400W E40	9840073200	
HI lamp 250W E40	9840104100	
HI lamp 400W E40	9840104200	
Gland gasket insert 12.0-16.5 mm	8100474800	
Gland gasket insert 16.0-18.0 mm	8100475600	







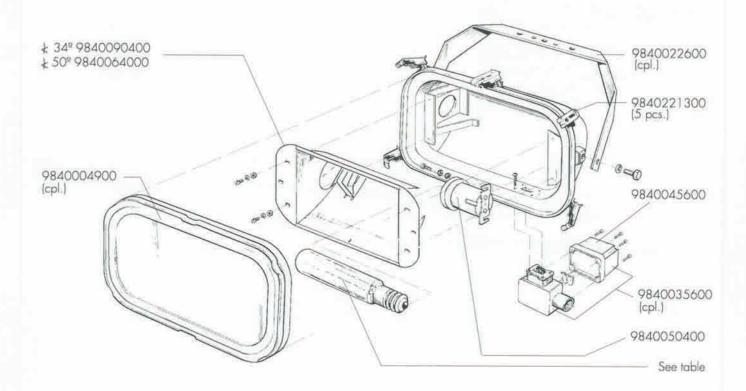


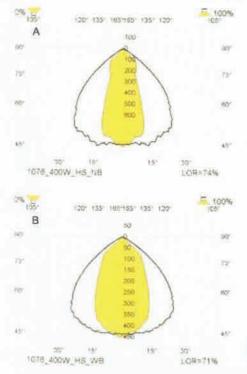


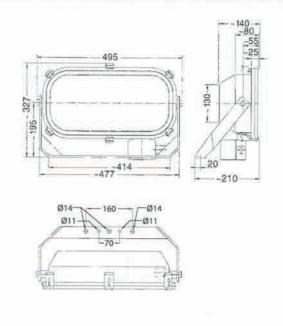




Spare Parts/ Accessories









Measurements are in mm







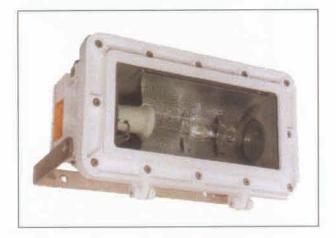






EX Technical light

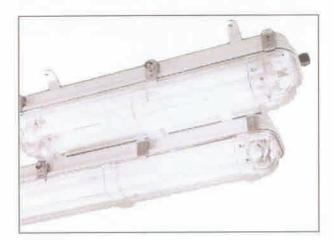
For more information visit our website: www.aquasignal.de and www.glamox-international.com



GFX

Ex d floodlight for tubular lamps

- Seawater resistant aluminium housing
- High light output
- Easy change of defect light source



0285

Ex e luminaire, surface 18/36W

- With lamp-holders for standard
- fluorescent tubes 2-pin
- Meets highest demands
 Up to 55°C ambient temperature

Floodlight for use in hazardous areas Zone 1 and 2, according to rules of maritime classification. Die-cast seawater resistant aluminium. Available with narrow- or wide-beam reflector. Versions for 250W or 400W high pressure sodium or metal halide lamps, as well as halogen lamps up to 500W. Door for easy lamp replacement.

Hazardous areas Zone 1 and 2. This explosion proof fitting is certified to work in an ambient temperature up to 55 C. Different Ignition classes are available related to the light sources and the ambient temperatures from T4 up to T6. Electronic ballast, flexible wiring, steel body powder coated and polycarbonate diffuser are standard. Battery backup, through wiring and different cable entries are available optional.













EX Technical light

For more information visit our website: www.aquasignal.de and www.glamox-international.com



MAX

Ex e luminaire, surface 18/36W Zone 2

- High quality explosion proof luminaire,
- Zone 1
- Easy maintenance
- Self-locking diffuser clips

Ex e high quality longlife luminaire. The luminaire has a hinged geartray for easy maintenance. The luminaire housing is made of Galfan (Z) or acid resistant stainless steel (S), with white stove-enamelled epoxy/polyester powder finish. The diffuser is made of impact-proof polycarbonate. The emergency model is supplied with an external battery box. Emergency light versions (18W and 36W) are available with 1.5 or 3-hours duration. Emergency fixtures (E1/E3)prepared for remote control of emergency functions available on request.













METAL WORKING FLUID

LIST PRODUCT:

- 1. MITS 1N8 (NEAT OIL COOLANT)
- 2. MITS 1N9 (OIL SOLUBE COOLANT)
- 3. MITS 1N10G (GRINDING FLUID)
- 4. MITS 1H1 (RUST PREVENTIVE OIL)
- 5. MITS 1F1 (EDM FLUIDS)
- 6. MITS 1N8 TM (TAP MATIC LUBRICANT)

CONCRETE CHEMICAL

LIST PRODUCT:

- 1. MITS 3G1 (SUPER PLASTICIER & DISPERSANT)
- 2. MITS 3G2 (SUPER PLASTICIER & DISPERSANT)
- 3. MITS 3L1 (MOULD RELEASE AGENT)
- 4. MITS 3L2 (MOULD RELEASE AGENT)



Grosly























MITSUBISHI



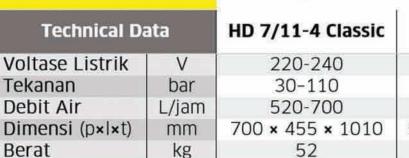


TURNING TOOLS / MILLING MILLING TOOLS / DRILLING TOOLS



Hot & Cold High Pressure







HD 10/25-4 S Plus	HD 10/16-4 Cage Ex			
400	400			
30-250	160			
500-1000	1000			
560 × 500 × 1090	980 × 720 × 1100			
62	112,6			





Technical Data

V

bar

L/jam

mm

kg

Voltase Listrik

Dimensi (px|xt)

Tekanan

Debit Air

Berat



HD 9/23 De
- 5
40-230
400-930
870 × 725 × 1170
108





93



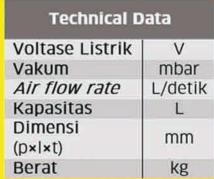
HDS 10/20-4 M Classic	
Ciussic	
400	
30-200	
500-1000	
1220 × 750 × 1060	
171	



HDS 1000 De
=
40-200
450-900
1100 × 750 × 785
185
122 Tel 10 V 12 V



Vacuum Cleaner









Data		NT 40/1 Ap L	NT 70/2 Me Classic	IVC 60/24-2 Ap	
(V	220-240	220-240	220-240	
	mbar	254	225	254	
	L/detik	74	2 x 53	148	
	L	40	70	60	
	mm	525 × 370 × 630	580 × 510 × 850	970 × 690 × 995	
	kg	17,4	18,5	59	

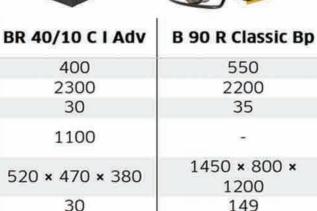
Scrubber Dryer & Polisher





	BDS 43/150 C Classic
1	430
	1500
	43
	150
	590 × 430 × 1180
	49,1











	KM 70/20 C
	480
ı	42
ı	, ii
	1300 × 765 × 1035
ı	25,6

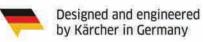


KM 100/100 R D	
700	
100	
4,4	
8	
2006 × 1005 ×	
1343	
340	



ŀ	(M 120/250 R D
	Classic
	900
	250
	15,8
	9
	2082 × 1250 ×
	1450
	883

KARCHER



CHEMICAL TRADING

- Maintenance, Repair & Operation Chemicals
 - Anti-Spatter / Nozzle Welding Gel
 - Contact Cleaner
 - Cutting Oil / Coolant
 - Electric Motor Cleaner
 - Metal Cleaner / Degreaser
 - Paint Remover / Stripper
 - Rust Remover / Cleaner
 - Rust Preventive Oil
 - Washing Thinner
 - Multi Purpose Cleaner
 - SS Pickling Spray & Gel
 - Penetrating Oil
 - Alumunium / Coil Fin Cleaner
 - Ultrasonic Cleaner, Etc



INDUSTRIAL CLEANING SERVICES

RUST REMOVING



PAINT REMOVING



SS PICKLING





COLLING TOWER CLEANING



BOILER CLEANING



ROOFTOP CLEANING



DUCTING CLEANING



CHEMICAL TANK



WWT TANK



柴移式移动空压机

Diesel portable air compressor





广泛应用于矿山、隧道、铁路、公路、桥梁建筑、市政建设、地质 勘探等行业。

适应特殊环境使用

根据野外运行的特殊工况,加入移动装置系统,使机器运行、使用更加方便。 整机外壳设计采用侧吸气、侧排热风的冷热分开布置, 机器顶部密封, 使空 压机工作效率更高。

Widely used in mining, tunnel, railway, highway, bridge construction, municipal construction and geological exploration industry.

Adapt to the special environments

According to the special field working conditions, adding the mobile device system, run the machine with more conveniently. The shell design adopts the side air intake and side air exhaust, make the cool air and hot air separated. The top of the machine sealed with high efficiency, separates from the top of the machine, sealing with high efficiency.

柴移式移动空压机技术参数 Diesel portable air compressor technical parameters

	格 pecification	型号 Model ns	EYC-35A	EYC-40A	EYC-45A	EYC-58A	EYC-70A	EYC-75A	EYC-90A	EYC-110A	EYC-132A	EYC-160A	EYC-194A	EYC-240A	EYC-250A
功率(KW) Power			35	40	45	58	70	75	90	110	132	160	194	240	250
马力(HP) Horsepower 排气量/排气压力 (m/min/MPa)			48	54	61	79	95	102	125	150	180	220	260	325	340
			4.3/0.7	4.6/0.7	5.3/0.7	7.0/0.8	7.0/1.0	7.5/1.0	12.0/0.7	12.0/0.7	1	22.0/0.7	7	32.0/0.8	25.0/1.45
			4.2/0.8	4.5/0.8	5.2/0.8	1	9.0/0.7	1	11.5/0.8	11.5/0.8	15.0/1.0	20.0/0.8	1	T	21.0/1.7
Exhaust volume / exhaust pressure		ı	4.4/0.85	5.1/0.85	Ų.	6.0/1.2	1	10.0/1.3	10.0/1.3	1	18.0/1.0	1	25.0/1.0	22.0/2.1	
		i	4.2/1.0	4.6/1.0	1	7	6.0/1.2	Ť.	1	13.3/1.3	16.0/1.3	18.0/1.7	22.0/1.3	1	
启动电压 (V) The starting voltage				12V 24V											
冷却类型 Cooling mode			风冷 Air cooling												
外形尺寸	长(mm) Long	带牵引杆 With traction rod	2600	2600	3060	3500	3500	3850	3950	3950	3950	4700	4700	5000	5000
		不带牵引杆 Without traction rod	1800	1800	1800	1800	2000	2230	2500	2500	2500	3580	3580	3690	3690
	宽(mm) Wide		1500	1200	1400	1800	1920	1500	1800	1800	1800	1880	1880	2000	2000
	高(mm) High		1900	1650	1600	1650	1600	1650	2100	2100	2100	2200	2200	2662	2350
重量 (kg) Weight			800	950	950	1300	1300	1850	2500	2500	2500	3700	4000	4500	4500
	排气口直径 Diameter of outlet			2-3/4"	2-3/4"	3-3/4"	3-3/4"	3-3/4*	1-2",2-1"	1-2",2-1"	1-2",2-1"	1-1%,1-1%,1-2*	1-114,1-114,1-2"	2-2",1-1"	2-2",1-1"

备注: 1.规格的变化恕不另行通知;

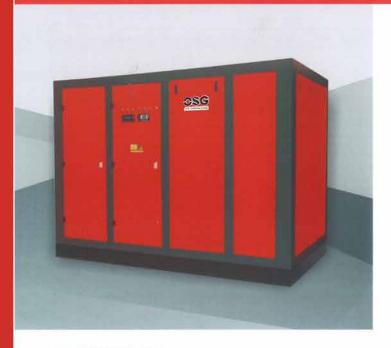
2.我们可以根据客户的特殊要求定做。

Note: 1.Specifications are subject to change without notice.

2.We can be customized according to customers' special requirements.

全国统一服务热线: 400-705-9168 Unified national service hotline

www.osg-china.com



余热回收节能原理

压缩机长期连续的运行过程中把电能转换为机械能,又将机械能转换为风能。在机械能转换为风能过程中,空气得到强烈的高压压缩,使之温度骤升,这是普通物理学机械能量转换现象,螺杆空气压缩机的高速旋转产生的高温热量及摩擦发热,随油气排出机体,这部分高温油气的热量相当于空气压缩机输入功率的 3/4,它的温度通常在 80° (冬季) 100° (夏、秋季) 这些热能由于机器运行温度的要求都被无偿地废弃排往大气中,即空气压缩机的散热系统来完成机器运行的温度要求。

回收空气压缩机所产生的热能,减少废弃污染保护环境,使企业降低能耗,减少企业运营成本,欧仕格着力于热能节能研究,采用同程截流式反串技术,开发出了专用的螺杆空气压缩机热能利用装置。对空气压缩机所产生的高温高压的油进行热能交换并冷却,可使企业获得生产和生活所需的热水,冬天可回热到55℃以上,夏秋65℃以上。从而使企业一次投资变废为宝,科学利用能源,节省高额的生活生产热水运行费用。

余热回收系统优势

高效节能: 比电热锅炉节能 70%; 比太阳能热水系统阴雨天辅助电加热节能 50%; 尤其是它能将空压机大量废热回收, 不但节能, 而且增值;

多功能: 24 小时全天候提供大量的生活或生产工艺所需热水;

设备总投资降低:安装方便简单,占用空间小;与功能类似的热水器相比大大减少了费用与空间;

<mark>废热回收利用降低成本</mark>:利用大量的废热,因而节省了电热、锅炉等所需的电费用与燃油费用;

运行安全可靠: 水电分离, 杜绝了分散使用电热水器干烧、触电和燃气热水器 CO中毒等安全隐患;

低碳环保:螺杆空压机余热利用节能系统与燃油锅炉相比: 无污染、一氧化碳、二氧化硫、黑烟与噪音、油污对大气环境的污染。一旦安装投入使用,只要空压机在运行,企业职员或工厂生产就随时可以提取到热水使用;

简单方便: 热水供应采用中央集中自动控制系统,实现水温、水位、补水等全自动控制,可全天无人看守高效运行,维护简单。

Waste heat recovery energy-saving principle

Compressor continuously makes the electrical energy into mechanical energy during running, and then converts the mechanical energy into wind energy. In the conversion of mechanical energy to wind energy process, air can be strongly compressed, so that the temperature increase in a minute, this is a physics mechanical energy conversion phenomenon. Screw air compressor generates high temperature heat and friction heat through high speed rotary,and be discharged out of the machine to gether with oil and gas. This part of the high temperature oil and gas is equivalent to 3/4 of input power air compressor, its temperature is usually around 80 °C (winter) 100 °C (summer, autumn). These heats are gratuitously waste emitted to the atmosphere due to the temperature requirements, and the cooling system of air compressor completes the operation temperature requirements.

It recover the heat that reduce air compressor generated, waste pollution and protect environment, to enable enterprises to reduce energy consumption, reduce business operating cost. Honest research on heat energy saving , adopt the same way of intercepting technology, developed the device of screw air compressor heat recovery. Exchange and cool high temperature and high pressure oil generated by the air compressor, can make the enterprise to obtain the necessary warm water that needed by producing and living, the winter heat back to above 55 C in winter, and 65 C in summer, in order to make the enterprise an investment waste to treasure, the scientific use of energy and save life hot water running cost of production.

Waste heat recovery system advantage

High efficiency and energy saving: 70% energy saving than heating boiler; ratio of solar water heating systems the rainy day auxiliary heating energy saving 50%, especially it will recover the air compressor waste heat, not only energy, but also value-added.

Multi function: 24 hours a day with a large number of life or production process for hot water.

Total equipment investment reduction, simple and convenient installation, small occupied space; greatly reduce the cost and space compared to similar water heaters.

Reduce the cost of using waste heat recovery: the use of a large number of waste heat to save electricity costs and fuel costs, such as electric heating boilers needed.

Safe and reliable operation; water and electricity separation, prevent the dry burning of electric water heater, electric and gas water heater CO poisoning and other security risks.

Low carbon environmental protection: screw air compressor waste heat utilization energy-saving system compared with the fuel boiler: no pollution, sulfur dioxide, carbon monoxide, black smoke noise or pollution to the atmospheric environment. Once installed and put into use, as long as the air compressor in the operation, enterprise staff or factory production is ready to use hot water extraction.

Simple: hot water supply by central control system, automatic control water temperature, water level, water and all day unattended operation, simple maintenance.



WELDING GEL



Our Product

MAIN PRODUCT

LITHIUM GREASE MP LITHIUM GREASE EP LITHIUM COMPLEX GREASE POLYUREA CALSIUM SULFONATE GREASE

INDUSTRIAL OIL

HYDRAULIC OIL
INDUSTRIAL GEAR OIL
HEAT TRANSFER OIL
COMPRESOR OIL



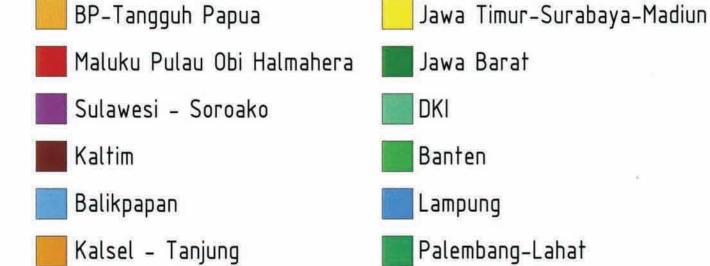
SOLUBLECUTTING OIL FORMING OIL NEAT CUTTING OIL

AUTOMOTIVE & INDUSTRIAL ENGINE

DEIESEL ENGINE OIL GASOLINE ENGINE OIL







Rantau Dadap

Pekanbaru

NTB - Dompu

NTT - Sumba

OUR CLIENTS





































































































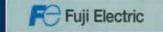












SCAFOLDING

























































































