



BRIGHT STAR RAW MATERIALS

www.brightstarbah.com

Commercial Registration 105598-3
Building 1846 Road 433 Block 704 Salmabad Kingdom of Bahrain

Company Overview

Bright star raw materials is a leading trading company in plastic related experience located in kingdom of Bahrain



Bright Star

With more than 25 years experience in plastic industry, Bright Star was founded on Year 2012 with the aim of providing professional trading & consultancy services to plastic processing companies and factories. We combine our expert knowledge with high quality products to give our valuable customers a solid basis, they can base their growth on.

OUR GROUPS



Bright Star

GENERAL TRADING

Pipe Extrusion Machineries, Injection Machine, Molds, all Ancillary Equipment
Source and Supply of Raw Materials
Welding Machines (Sale & Rental Services)

CONSULTANCY

Commercial / Technical / Factory Set-up

SALE / INSTALLATION OF TELECOMMUNICATION PARTS

IBDN Solutions
Fiber Optic Cables & Accessories



MANUFACTURE OF PLASTIC PRODUCTS

Pipe Bending
Pipe Welding Services
Plastic Sheet Welding



BRIGHT STAR
FOR FLOATING JETTIES

CONSTRUCTION OF FLOATING STRUCTURES

Marine Jetties
Jetty Accessories
Barge Rental Services



FOUNDER CEO

Eng. Salman Ramadhan

Bright Star's Managing Director who has been the General Manager of the Two biggest plastic companies in the Kingdom until he decided to put up his own Company. Equipped with thorough knowledge, strong technical background and positive visions, he keeps on diversifying the products and services that we can offer locally and abroad.

Our products

List of our products related to plastic production

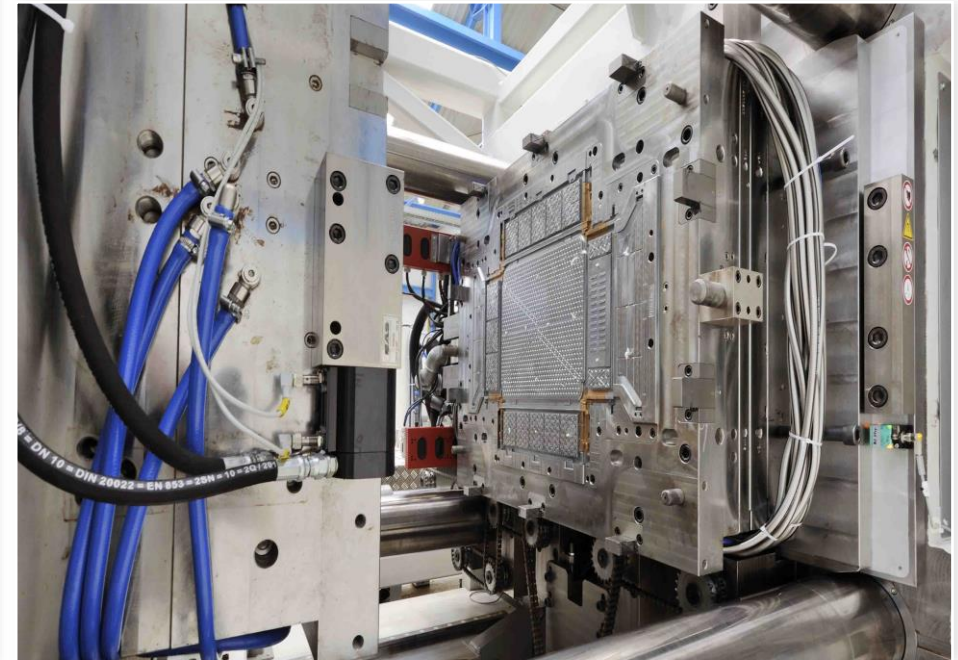
Products related to plastic pipe production



Our products

List of our products related to plastic production

Products related to plastic injection molding



Our products

List of our products related to pipe welding services



Products related to pipe welding machineries



OUR PARTNERS

We're proud of what we've been able to achieve for our partners. Here's a list of our partners whom we have started with them the business journey.



RITMO SPA

Is a world leader with 40 years of experience in the manufacturing of plastic welding equipment. All their products are designed and built according to International standards and directives (UNI, ISO, CEE). Since the very beginning, quality and technology innovation are RITMO's milestones, and time after time, this philosophy is always more recognized by the global market.



ZHONGYUNTECH

specialized in developing and manufacturing all kinds of plastic pipe machines. with the advanced technology and remarkable quality, the plastic pipe production line has been widely recognized by the users and becoming the only owner of "China Well-known Trademark" in plastic pipe machine industry.



ZERMA

ZERMA has traditionally focused on the development and production of size reduction machinery for the plastics industry. However, today ZERMA has expanded into related industries such as tire recycling, e-waste and wood recycling. their core strength lies as a machinery and component producer. As such ZERMA is the ideal partner for systems integrators and OEM projects.

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PRYSMIAN GROUP

Prysmian is the world leader in the energy and telecom cable systems industry which offer the widest range of services and know-how in the business. Each year, the Group manufactures thousands of miles of underground and submarine cables and systems for power transmission and distribution, as well as medium and low voltage cables for the construction and infrastructure sectors. We also produce a comprehensive range of optical fibers, copper cables and connectivity systems for voice, video and data transmission for the telecommunications sector.



YUSHENG MACHINERY

Zhangjiagang YUSHENG Machinery is a professional manufacturer of plastic machines. They have been into this business field more than 15 years and they are specialize in BELLING MACHINES including PVC pipe belling machine, PP pipe belling machine, PVC-O pipe belling machine, corrugated pipe belling machine. Additional to that, Since 2012 YUSHENG Machinery started to design and make PVC pipe bending machines. Include 3-cavity bending machine, 5-cavity bending machine and 1-cavity bending machine.

OUR CLIENTS

A random list of our valuable clients which we work with them closely across Gulf Countries and other Middle Eastern Countries.



بلاسكو للصناعات البلاستيكية
PLASCO FOR PLASTIC INDUSTRIES



مجموعة داون تاون
Downtown Group



OUR PROJECTS

A random list of the projects which we have done and assisted from scratch across Gulf Countries and other Middle Eastern Countries.. We have made the Feasibility Study and Market Research and Development. And our main participation was to be their Consultants on Technical and Commercial aspects. And we are also supplying to them Raw Materials and Consumables up to date.



ARAIB FACTORY FOR INDUSTRY

CR:134177-1





Bright Star Marine

Innovative solutions for
every waterfront challenge.



High-end quality
services

brightstarbah.com



(fixed & floating)
Jetties

The company offers both floating and fixed jetties to suit various needs. These jetties are designed to be durable and reliable, and can be customized to meet specific requirements.





Jetty Dock Blocks

Jetty dock blocks are another product offered by the company. These blocks are an ideal solution for securing boats and other watercraft at marinas or waterfront properties. They are made from high-quality materials and are designed to withstand the harsh marine environment.





Mini Barge

Brigh Star's mini barge is a versatile and a portable solution for various marine applications. It is equipped with a crane and a piling hammer, and is capable of accessing hard-to-reach places. It is highly efficient and able to complete tasks with speed and precision.



Gazebo

Gazebos are another product offered by the company. These are a stylish and practical addition to any waterfront property, providing a shaded and sheltered area for relaxation and recreation.





Pergola

Pergolas are a beautiful and functional feature for any outdoor space. They provide a sense of structure and definition, while also offering some shade and protection from the elements. Bright Star offers pergolas as part of its product range.





Sliding Pool Cover

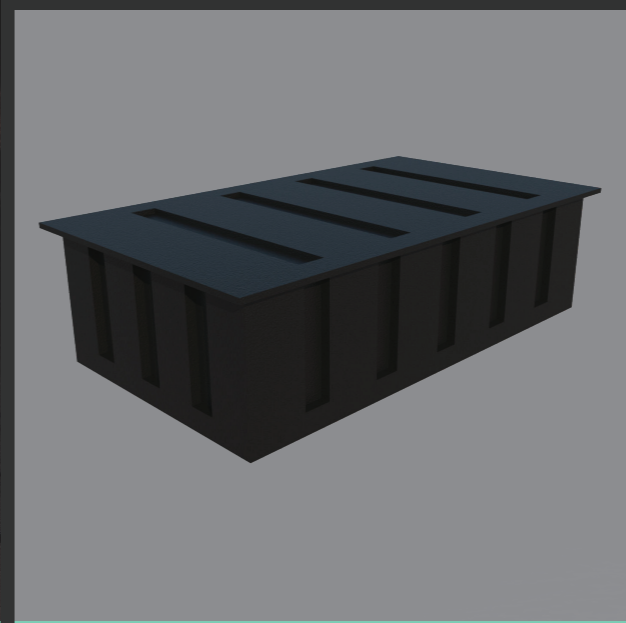
The company also offers sliding pool covers, a convenient and effective way to extend areas when the pool is not in used. These covers are easy to install and operate, and are made from high-quality materials to ensure durability and longevity.





Dareen Marine Project in KSA (Supplying pontoons)

Bright Star has supplied pontoons for a number of prestigious projects around the world hand to hand with Atlantic Marine. Our pontoons are renowned for their quality and reliability.





Alzour Kuwait Marine

Bright Star Marine is proud to have supplied high quality pontoons to the Alzour Kuwait marine project.





Almouj Marine in Oman

(Supplying pontoons)

These products are designed to meet the specific needs of our customers and are made from high-quality materials to ensure durability and reliability.





Accessories

Bright Star also manufactures a range of marine accessories in its workshop, such as floating ladders, pedestals, and other accessories.





Bright Star



Bright Star



Twin Screw Pipe Extrusion Line For PVC

Twin screw extruder is specialized in extruding pipes using various kinds of PVC powder. When equipped with different molds and auxiliary machines, such products as any PVC pipes, profiles and pellets can be produced. The Extruder is known for the power optimization and are offered in the output range from 110 - 1500 Kg/hr

Models		KTS 110	KTS 170	KTS 200	KTS 250	KTS 350	KTS 450	KTS 550
Screw Diameter	mm	52	65	65	65	71	91	91
Screw Speed	rpm	5-50	4-45	5-53	5-53	5-53	4-40	4-45
L/D Ratio	-	20:1	18:1	18:1	22:1	28:1	22:1	25:1
Main Motor	kW	11	15	22	22	30	45	56
Max. Output	Kg/hr	100-110	150-170	180-200	230-250	330-350	420-450	520-550
Pipe Range (Single Die)	mm	20-110	20-200	20-200	63-250	110-315	110-400	110-400
Pipe Range (Twin Die)	mm	19-50	19-50	19-50	20-110	20-110	20-110	63-200

Twin Screw Pipe Extrusion Line For CPVC

Twin screw pipe extrusion used for manufacturing CPVC pipes of different diameter and thickness which are mainly applied to agricultural and construction water supply and drainage.

Features

- Versatile design
- Deep Nitrided Screws & Barrel with Special Coating
- Screws & Barrel imported from Germany
- Triple chrome plated Die

Models	Screw diameter (mm)	L : D Ratio	Main Motor (kW)	Maximum output (Kg/hr)	
				CPVC	UPVC
KTS 200 c	65	22:1	22	100-120	180-200
KTS 300 c	71	28:1	30	170-190	280-300

Single Screw Extrusion Line

Single-screw extruder can apply to produce such products with thermoplasticity as pipes of PP, PE, PS, soft PVC, as well as plastic pellets. According to different raw materials and product specifications, screws with different ratios of length diameter and compression, barrels of different structures and proper driving devices are adopted so as to make products with high quality.

Extruder Specifications

models	Speed										
	45-45	45-55	45-75	45-90	60-110	60-132	75-200	75-250	90-315	120-355	
Screw Diameter	mm	45	45	45	45	60	60	75	75	90	120
L: D Ratio		37:1	37:1	37:1	37:1	37:1	37:1	37:1	37:1	37:1	37:1
Main Motor	KW	45	55	75	90	110	132	200	250	315	355
Max. Output	Kg	140-	180-	220-	300-	380-	500-	650-	850-	1000-	1200-
	/hr	160	190	240	330	400	550	700	950	1100	1300

PE Corrugation Line



Blown Film

We provide a wide range of customized mono/multi-layer blown film lines to suit a broad spectrum of resins, applications and output levels based on the client requirements.

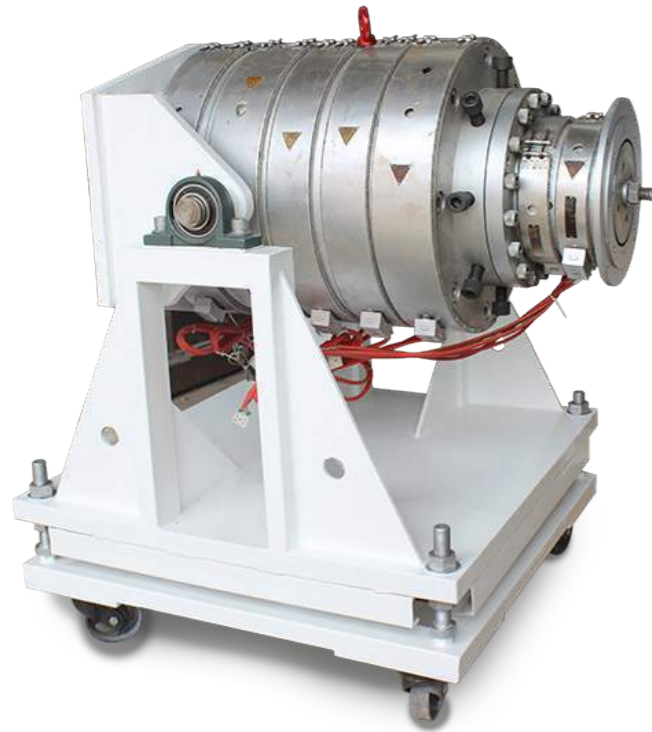


Die Head | PVC Processing

We offer wide range of dies right up to 630 mm Dia with single head, also dual and quadruple head for PVC, PE and PPR.

Advantages

- High volume low pressure design ensures wider thickness range
- Uniform melt distribution throughout the entire pipe circumference
- Twin die heads for higher outputs in smaller diameters
- Extruders utilization from 80-100% even with smaller pipes



Vacuum Calibration Tanks



Are used for calibrating and cooling pipes made of thermoplastic materials by means of spray cooling. The spray cooling method prevents the formation of water boundary layers and is more efficient in cooling than the full water tanks.

Furthermore, there are no buoyancy problems that could distort the pipe. Spray-cooling increases the heat exchange rate significantly, compared to full-water-bath cooling. However, optionally all tanks can be supplied as full water tanks.

Haul **off**Tube Cutting **Unit (TCU)**

Machines suitable for cutting and chamfering plastic pipes by means of rotating cutters. The machine's main characteristic is their dust-free cutting operation. Due to a special central clamping device idle time is kept to a minimum. Smooth and Clear cut for pipe size diameter ranging from 20 mm to 630 mm

Pipe **Tilting Unit**

Performance Features

- Pneumatically operated
- Square tubular structure bears the load
- Two limit switch actuation - One for pipe cutter feedback and other for tilting the pipe
- Pipe resting platform provided for above 315mm Dia Pipe

Profile Pipe Winders

Designed for precise coiling of pipes, hoses and profiles. The coiling arms can be adjusted for the desired inner diameter and width of the coil. The coil can be easily removed with the pneumatically powered collapse of the core segments and the outer segments folding down.

The drive is a force ventilated AC winder motor, which can be regulated by a dancer control or tractive force. The traverse is synchronized with the coil revolution and can be steplessly adjusted.

Advantages:

- Sturdy design
- Long lasting components, low maintenance
- Compact dimensions
- Good coiling quality by using latest drive technologies
- Safety guards
- Many options allow to modify the coiler to special customer requirements

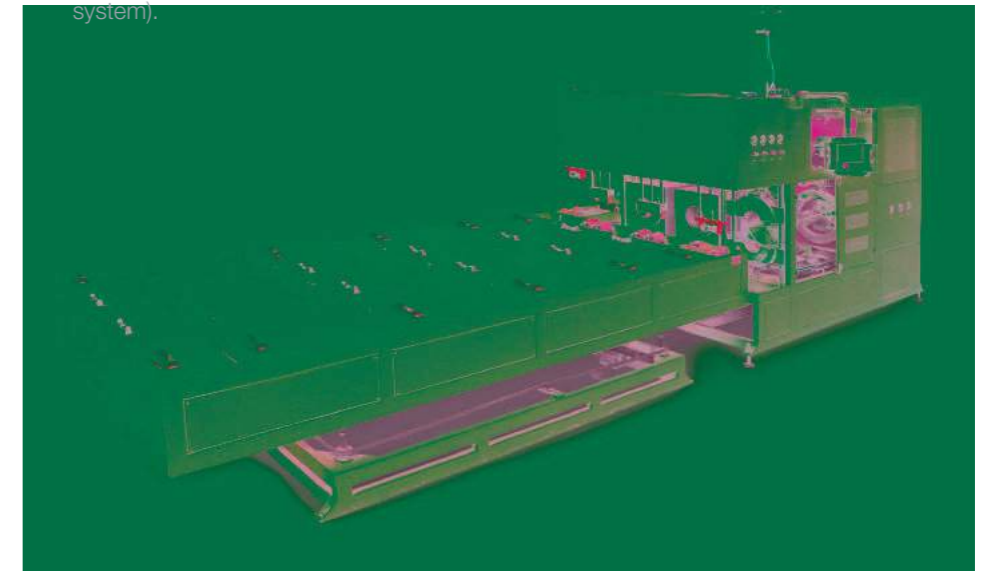


Belling Machine

Bright Star are supplying and exporting a wide range of Automatic/Manual Belling Machines. These advanced technology machines are equipped with the modern technologies and top-class components. In order to meet the variegated demands and diverse requirements of the clients, we offer our range with the facility of customization also.

HIGH OUTPUT

- Automatic belling machines for double extrusion lines for PVC pipes.
- Socket forming: Smooth (solvent cemented) or shaped for insertion of rubber gasket (blowing system).



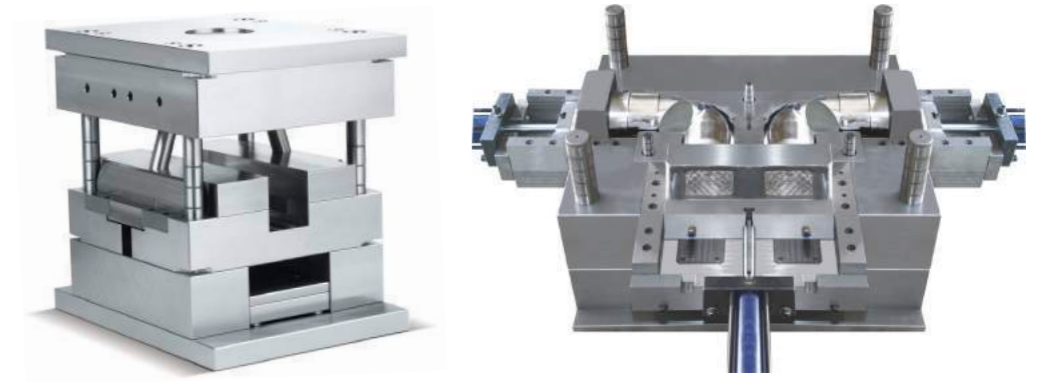
Model	BS110-S	BS160-S	BS200-S	BS250-S	BS315-S	BS400-S
Pipe range (OD)	50-110mm	63-160	75-200	90-250	110-315	160-400
Socket type	R type & U type					
Socket method	R type: die tool expand with vacuum calibration			R type: die tool expand with outer pressure		
	U type: die tool insert with vacuum calibration			U type: die tool insert with outer pressure		
Cooling method	Water cooling					
Require cooling water pressure	0.2-0.3Mpa					
Heating method	Electric heating, by stainless steel heating rods					
Heating power(kw)	9	10	12	12	15	20
Total Power(kw)	13	14	16	18	19	26
Air pressure	0.4-0.6Mpa					
Center height	1000mm±50mm (or according to extruder)				1100mm±50mm (or according to extruder)	
Machine dimension(mm)	7300x1200x1750	7300x1200x1750	7500x1300x1850	7500x1600x1750	7800x1800x1920	7800x2100x2100

Injection Molding

We offer Injection molding machines can be used for a wide variety of applications and can be individually adapted for operation in conjunction with all familiar injection molding techniques.



Molds



Because Bright Star has a vast experience in field of injection molding; therefore, we provide a customized plastic pipe fitting.

We offer a various types of molds including sanitary and drainage system, potable water supply, roof drains, irrigation, and gas supply with material of PVC, PPR, PP, HDPE, ABS, PPSU etc. The molds can be suitable for any injection molding machine and the mold design is subjected to the Client's requirements.



Mixing Plant

Mixing and cooling machine developed on the basis of introducing advanced technology, and it is mainly used for material-prescribing, mixing, coloring and desiccating various kinds of resin and PE, PP, PVC, etc. and it is also capable of desiccating plastic of ABS and polycarbonate and so forth.

Combining technics of hot mixing with cool mixing, this unit ensures that the material automatically goes into the cold mixing stage after being hot mixed, and it can remove residual gas, meanwhile preventing the material from agglomerating.

Features of Heater Mixer

- Stainless steel vessel
- Vessel-highly polished surface inside, discharge plate blended into bottom dish
- Mixing tools self-cleaning, adjustable in height specific to the material being mixed, simple design, and armored leading edges.
- Robust, easily serviced and maintained construction
- Twin jacket

Main Technical parameter

	Heat/Cool	Heat/Cool	Heat/Cool	Heat/Cool
Total volume (L)	350/600	500/1500	750/2000	1200/3000
Effective capacity (L)	120/200	200/350	300/500	475/700
Stiring speed (RPM)	750/1500/60	1500/55	132/50	1500/50
Mixing time (Min.)	8-12	8-12	8-12	8-12
Motor power (KW)	38/56/7.5	110/11	132/18	200/30



Pelletizing Line



Washing Line

We offer a recycling line composed of separator, crusher, cold & hot washer, dewater, dryer, packing system, etc....

The recycling line we provide for PE/PP/PET/PS offers a good reliability, efficiency, and the utmost durability in recycling dirty and soiled materials back into plastic granules.



Shredder



Shredders have been designed for in house recycling of small lumps and purges from injection and blow molding processes. The typical input materials are small and medium sized cakes such as head waste. The material can be shred to reduce the volume or processed further in a granulator to be re-introduced into the production process immediately.

Granulator

Importance of recycling materials and savings



Pulverizer

We provide a high quality pulverizers for pulverization of PVC regrind in pipe and profile recycling. Working in line with a shredder and granulator to have a balanced and efficient system to handle in house production waste. Another application is the grinding of PE for Rotomolding applications, in which it will result in the production process to create the powder needed in the process.





Raw **Materials**

Bright Star is affiliated with the nation's leading Manufacturer for any kind of Raw Materials you require from PVC, CVPC, PPR, Fillers, Additives, Masterbatch & etc.



Chiller & Air Compressor



Workshop Machinery



Plastic Welding Machines



Bright Star provides wide range of Butt and ElectroFusion Welding Machine and accessories for polyethylene (PE), polypropylene (PP), polybutene (PB), and polyvinyloride (PVC) pipes and other plastic component.



Printer



BAKERY MACHINERY

Do you plan on turning your baking addiction into a profitable business? That's great! But what kind? Have you planned it out yet?

Well, if you haven't made up your mind about the kind of bakery service you want to provide, we can assist you in doing so from which Machinery and Baking Accessories your Business may require.

To minimize manpower cost and lesser time for packing your products, we at Bright Star can supply you with the most suitable Packaging Machine based on your Requirement and Budget.



Marina

In the marina business, this trend has led to a new mindset where marinas aren't only a place to store boats, but actual destinations where the customer experience matters.

Marinas now are placing a greater focus on material selection, aesthetics and environmental considerations. It has also heightened the significance of working with a design firm that specializes in the marine industry to upgrade an existing marina or build a new facility from scratch.

We at Bright Star has the edge by partnering with the Leading Marina Contractors and all its Related Component Manufacturers.

- From A-Z we deliver Business
- Worldwide Experience Signature Projects
- Complete Marina Solutions

