

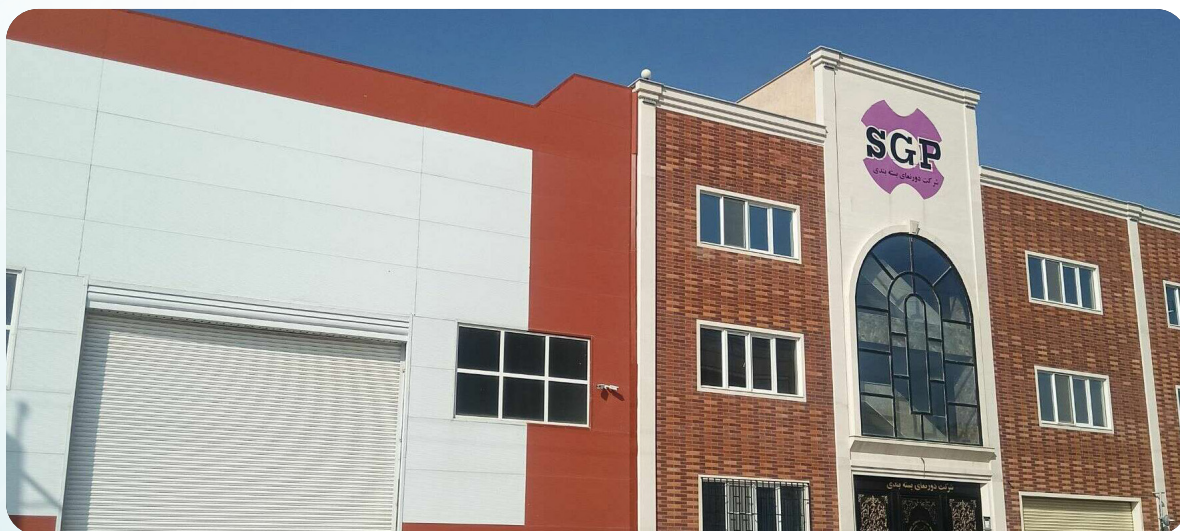


# شرکت دورنمای بسته بندی

INTELLIGENT AND FULLY AUTOMATED PACKAGING MACHINERY FOR  
THE PETROCHEMICAL AND CEMENT INDUSTRIES



INTELLIGENT AND FULLY AUTOMATED PACKAGING  
MACHINERY FOR THE PETROCHEMICAL AND CEMENT



## ABOUT US

## درباره ما

شرکت دانش بنیان و فناور دورنمای بسته بندی یک شرکت تحقیقاتی، فنی، مهندسی و تولیدی می باشد که به طور تخصصی در حوزه سیستم های بسته بندی هوشمند تمام اتوماتیک صنایع پتروشیمی و سیمان فعالیت می نماید.

شرکت دورنمای بسته بندی براساس ایده بومی سازی و خودکفایی در صنعت بسته بندی در ۱۲ مهر سال ۱۳۹۱ تاسیس گردید و باتوجه به تجربه و تخصص موسسان و مدیران شرکت و با اتکا و اعتماد بر نیروهای جوان، نخبه و کارآمد در مدت کوتاهی پله های ترقی را طی نموده و جزو شرکت های برتر طرف قرارداد صنایع پتروشیمی واقع گردید.

موسسان این شرکت بر اساس بیش از دو دهه فعالیت تحقیق و توسعه توانستند بسته کاملی از تجهیزات پیشرفته و کارآمد مورد نیاز صنعت بسته بندی کشور را بر اساس تکنولوژی روز گردآوری نموده تا پاسخگوی نیازهای کشور در این حوزه باشد، با اتکا بر این دانش و تجربه مجموعه ایی از زنجیره تولید با همکاری شرکت های معتبر داخلی و خارجی را به منظور ارتقاء و انتقال دانش فنی ایجاد نماید.

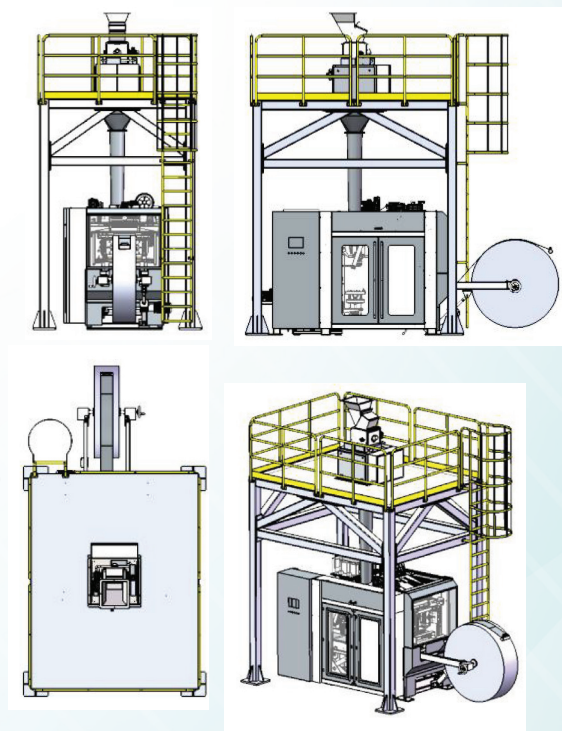
همچنین با توجه به رویکرد مشتری مداری سبد گسترده ایی از محصولات با کیفیت بر اساس نیاز مشتری گردآوری گردیده است.

Dornamayeh Basteh Bandi, a knowledge-based and technological company, is a research, technical, engineering, and manufacturing company specializing in fully automatic intelligent packaging systems for the petrochemical and cement industries. Dornamayeh Basteh Bandi was established on October 4, 2012 (12 Mehr 1391 in the Iranian calendar) based on the idea of localization and self-sufficiency in the packaging industry. Due to the experience and expertise of its founders and managers, and relying on young, elite, and efficient personnel, the company quickly progressed and became one of the top contracted companies in the petrochemical industries.

Based on more than two decades of research and development activities, the company's founders have been able to gather a complete set of advanced and efficient equipment needed by the country's packaging industry based on modern technology to meet the country's needs in this field. Based on this knowledge and experience, they have established a production chain in cooperation with reputable domestic and foreign companies to improve and transfer technical knowledge.

Also, considering the customer-oriented approach, a wide range of quality products has been gathered based on customer needs.





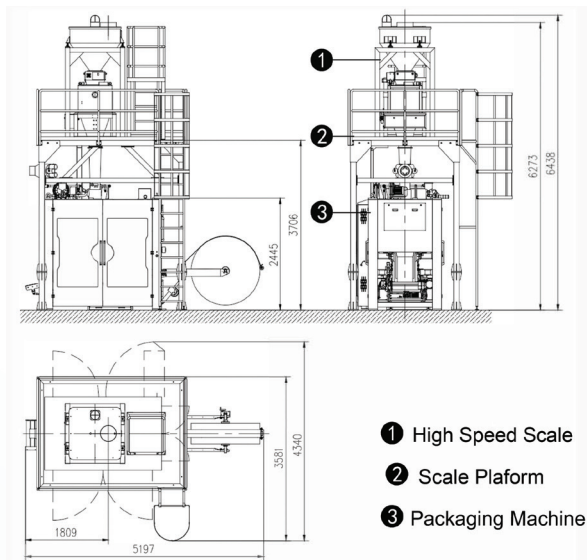
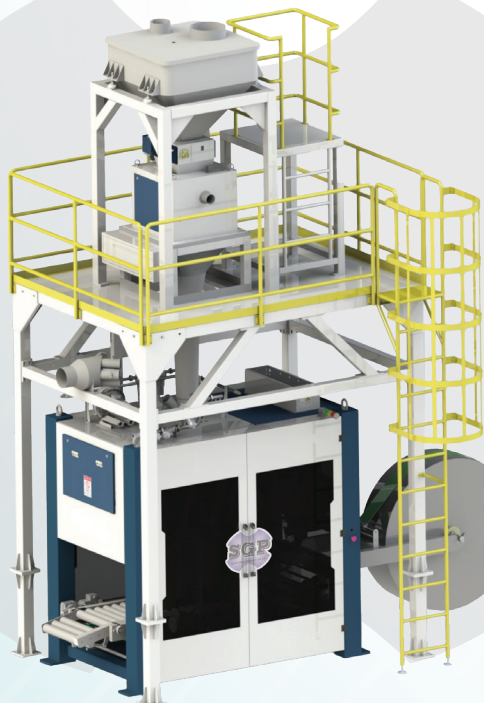
### Product Name : **SGP – FFS – 1200**

Device specifications	
Packaging performance	500~1200bags/h, granule or powder with good fluidity (such as plastic particles, salt, etc.)
Applicable materials	granular materials (such as plastic particles, resin particles, PVC resin, etc.), powdery materials (such as citric acid, salt, sugar, etc.)
Applicable bag type	
Bag material	PE film roll
Bag type	M type bag
Roll film specification	Roll Diameter ≤ 1500mm, inner tube of roll 150mm
Film thickness	120-180um ± 4%, Melt index > 0.2
Size range	Length 650~900mm, width 360~450mm, M fold (50~90) mm*2

Optional function	Project conditions
Corner seal function	Voltage 380V ± 10%
Dust removal system	Power frequency 50Hz ± 2%
Feeding form Gravity	Installed power 16 kW
Bag mouth cleaning	Air pressure standard 6 bar
Auto print	Noise level < 80 dB (A)



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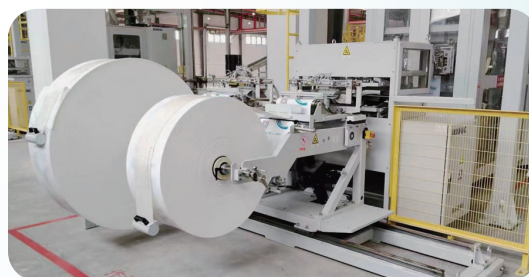
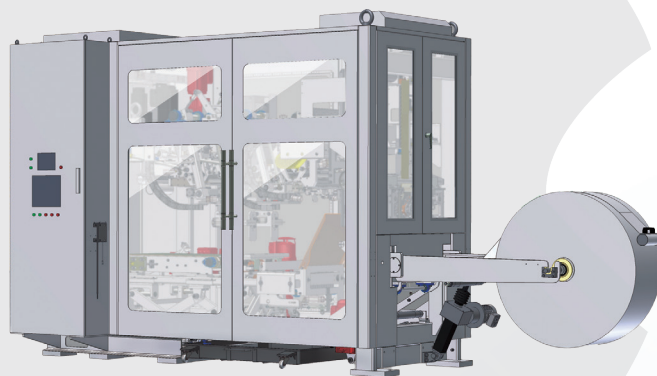


### Product Name : **SGP – FFS – 1600**

Device specifications	
Packaging performance	1000~1600bags/h, granule with good fluidity (such as plastic particles, etc.)
Applicable materials	granular materials (such as plastic particles)

Project conditions	Project conditions
Corner seal function	Voltage 380V $\pm$ 10%
Dust removal system	Power frequency 50Hz $\pm$ 2%
-	Installed power 10 kW
-	Air pressure standard 6 bar
-	Noise level < 85 dB (A)





## AUXILIARY EQUIPMENT

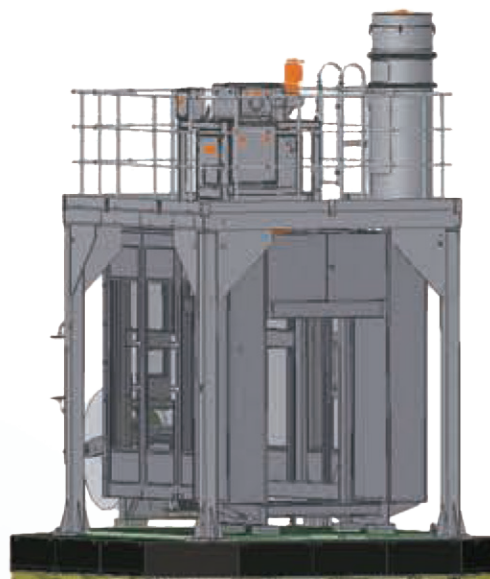
As the optional auxiliary equipment of FFS bagging machine, automatic film roll changer can realize the automatic switching and docking of film roll, save manpower and time and improve packaging efficiency.

### **Product Name : SGP – FFS – 2200**

Device specifications		Optional function	Project conditions
Packaging performance	1200~2400 bags/h, granule with good fluidity (such as plastic particles, etc.) 10 - 25 Kg/bag	Corner seal function	Voltage 380V $\pm$ 10%
Applicable materials	granular materials (such as plastic particles )	Dust removal system	Power frequency 50Hz $\pm$ 2%
Applicable bag type		-	Installed power 14 kW
Bag material	PE film roll	-	Air pressure standard 7 bar
Bag type	700-900 mm	-	Noise level < 87 dB (A)
Roll film specification	Roll Diameter $\leq$ 1500mm		
Film thickness	140 -180um $\pm$ 4%, Melt index > 0.2		
Size range	PE film roll		



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## UNIVERSAL – WHEEL MOBILE PLATFORM

### Product Function

It is used for carrying bagging equipment to move freely to meet production need of any distributed silos.

### Product Characteristic

It can carry FFS machine, prefabricated bag bagging machine and other types of bagging machine;

Two electrical motors or hydraulic motors drive platform to move and turn;

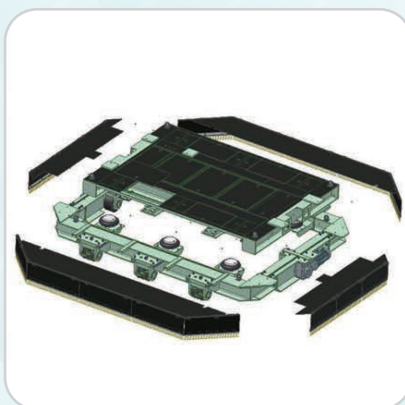
It can realize straight line, oblique line and rotation movement;

Run smoothly and low noise.

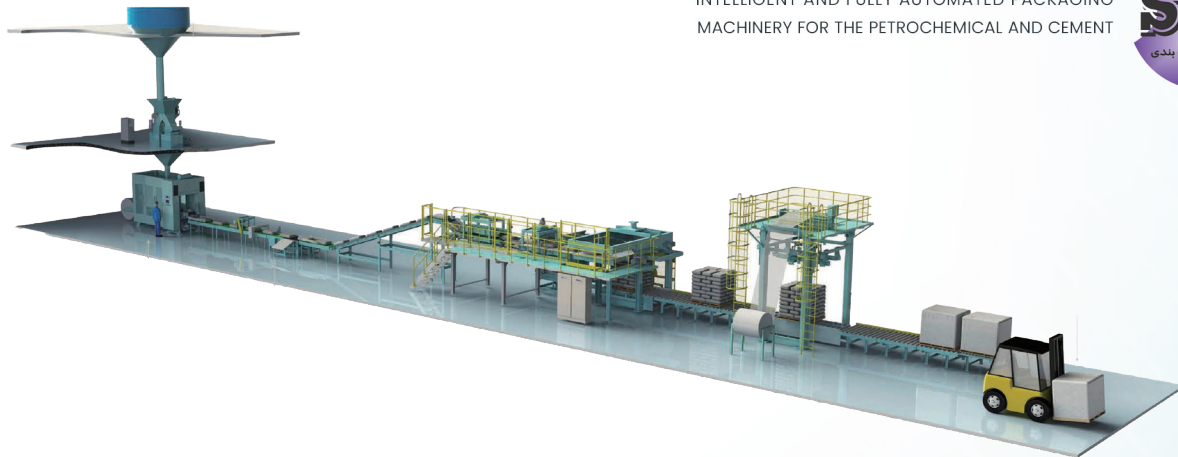
### Technical Parameter

Movement Speed:10m/min

Carrying Capacity:8tons



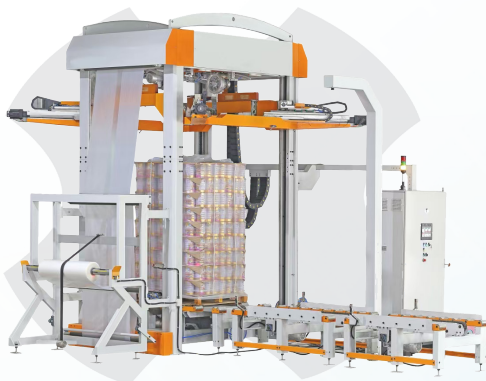




## SGP complete production line :

Depending on the packaging device model and capacity, palletizers and stretch hoods, checkweighers, metal detectors, ejectors, printers, and peripheral equipment can be provided to complete the production line.

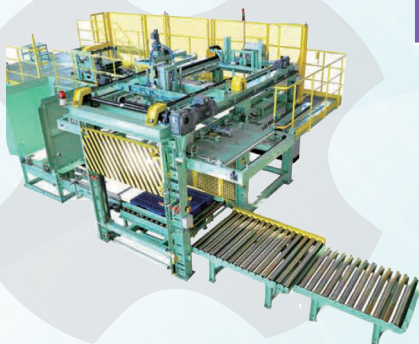
### Product Name : **SGP - ST**



## STRETCH-HOOD WRAPPING MACHINE

Product Function	Product Characteristic	Technical Parameter
It is used to make a single hood from stretch film. Stretching hood and put it, on stack. This hood can provide good protection from humidity and dust during storage and transportation. It can complete full function of film cut, film making, hood open, hood stretching, hood covering, stack conveying and etc.	Wide range of stack dimension;	Stack dimension: L (1000 -1400) x W (900 - 1200) mm
	Stretching by motor, stretching position is adjustable	Stack height: 1000 - 2310 mm (pallet included)
	Automatic stack shape detection, automatic hood length adjustment;	Film thickness: 80 -120 $\mu$ m
	Reliable operation, high efficiency.	Capacity: Max. 90 stack/h

### Product Name : **SGP - PA**



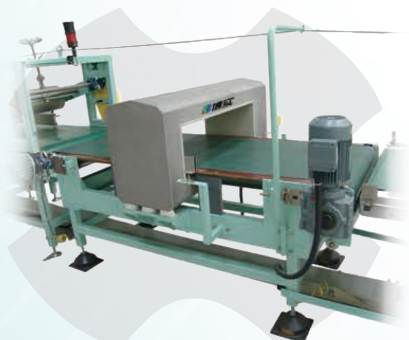
## HIGH-LEVEL PALLETIZER

Product Function	Product Characteristic	Technical Parameter
Palletizer lifts bag to a certain level, then bag will be turning, pat- terning, layer forming according to pre-set logic program. Then all bags will be laid on pallet and full stack will be automatic con- veyed out.	Suitable for different kinds of bag and pallet;	Capacity: Max. 2400 bag/h
	Reliable operation, stack shape is good;	Stack layer: Max. 12 layer/stack (height is about 2160mm)
	Easy operation, high capacity;	-



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## Product Name : SGP ACCESSORY



### METAL DETECTOR

Product Function	Product Characteristic	Technical Parameter
It is used to check if there is metal contained in material. Sound and light alarm when metal is detected in material.	Suitable for detecting powder, pellet and flake etc.;	Sensitivity: Ferrous $\geq \varnothing 2 \sim \varnothing 3.5\text{mm}$
	Detecting sensitivity can be set according to different material;	Non-ferrous $\geq \varnothing 2.5 \sim \varnothing 5\text{mm}$
	-	Stainless steel $\geq \varnothing 3 \sim \varnothing 6\text{mm}$



### CHECK WEIGHT

Product Function	Product Characteristic	Technical Parameter
It is used to check if filled bag weight meets the tolerance of error. When bag is less/over load, there is sound and light alarm.	Suitable for various bagging material;	Checking range: 5-100 kg
	Multiple weighing range is optional;	Sensitivity: 10 g
	Checking accuracy is high.	-



### EJECTOR

Product Function	Product Characteristic	Technical Parameter
It is used to eject unqualified bag to different directions. It is usually installed following up with metal detector and checkweigher. Push bag according to upstream unqualified signal.	Suitable for various bag material;	Capacity: Max. 2200 bag/h
	Multiple ejecting methods are optional.	-



### STACK TURNER

Product Function	Product Characteristic	Technical Parameter
Stack turner is the key part of palletizing unit without pallet, which can turn stacks online integrated with hydraulic and electrical system to finish the work of stacks conveying, squeezing and turning stacks 180 degrees.	It adopts full 3D modeling design technology, Carry comprehensive optimized analysis for mechanical performance;	Working Temperature: indoors 0-40°C
	Compact structure; Strong controllability,	Conveying Speed: 0.35m/s
	It filled in the domestic blank of stack-turning handling.	Online Handling Speed: 60stacks/h





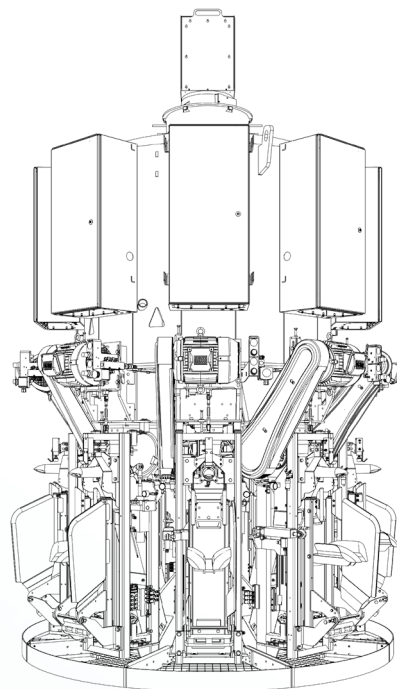
## BIG-BAG(FIBC) BAGGING MACHINE

Product Function	Product Characteristic	Technical Parameter
<p>This type of machine is used to fill material into big bag or jumbo bag, operator puts empty bag on discharge spout, bagging machine can complete the full function of weighing, filling, conveying and etc.</p>	Manual bag feeding, automatic weighing, filling, bag release and bag conveying;	Capacity: Max. 50 bag/h
	Suitable for powder, pellet, flake, block and other type of material;	Bagging Weight: 300~2000 kg/bag
	Two type of weighing: net weighing and gross weighing;	-
	Simple structure, reliable operation, easy maintenance;	-







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### Product Name : **ROTO PACKER**

Product Function	UNIT	MODEL			
		SGP-RO-6S	SGP-RO-8S	SGP-RO-10S	SGP-RO-12S
NUMBER SPOUTS	SET	6	8	10	12
PACKING CAPACITY	BAG/HR	1200-1800	1800-2400	2200-2600	2400-3000

ACCESSORY		
Product Name	Capacity	Product Photo
AUTO BAG FEEDER	2,400bags/hour	
Bag unloading conveyor	-	
Roller type bag cleaner	-	



## Technology Transfer, Cooperation, and Exclusive Agency Agreement

## قرارداد همکاری و انتقال فناوری و نمایندگی انحصاری



## Standards

## استاندارد ها



HSE-MS



IMS



ISO 9001:2015



ISO 29001:2020



ISO 14001:2015



ISO 45001:2018

## guarantee included

## مجوز های شرکت





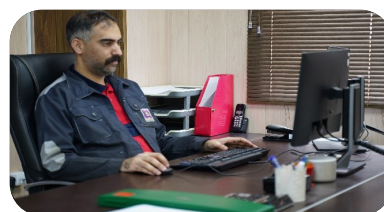
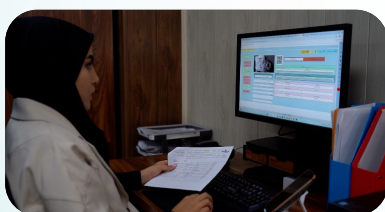
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## guarantee included

## شامل گارانتی

تمامی تجهیزات شرکت دارای گارانتی از زمان نصب به مدت ۱۸ ماه یا از زمان بهره برداری به مدت ۱۲ ماه هر کدام که زودتر فرا برسد بر این اساس شرایط گارانتی را دارد.

All company equipment is guaranteed for 18 months from the date of installation or for 12 months from the date of operation, whichever comes first.



## Parts and service support

## پشتیبانی و تامین قطعات یدکی

شرکت دورنمای بسته بندی دارای زیرساخت های فناوری و لجستیکی با کارگاه های مجهز به تجهیزات پیشرفته و انبار قطعات یدکی مکانیزه میباشد.

Dornamayeh Basteh Bandi Company possesses technological and logistical infrastructure with workshops equipped with advanced equipment and a mechanized spare parts warehouse.



## Warranty included

## خدمات پس از فروش

این شرکت دارای یک گروه مجرب و متخصص جهت نصب ، راه اندازی ، تنظیمات ، تعمیرات و بهره برداری می باشد که با تکیه بر این پشتوانه می تواند خدمات تخصصی را در کمترین زمان ممکن با کیفیت مطلوب ارائه نماید.

نصب و راه اندازی تجهیزات فروخته شده به صورت رایگان می باشد.

This company has an experienced and specialized team for installation, commissioning, setup, repairs, and operation. Relying on this support, the company can provide specialized services in the shortest possible time with optimal quality. Installation and commissioning of sold equipment are free of charge.











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# SGP

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