



AUTOMATIC PACKING SYSTEM

www.tengdimc.com

COMPANY PROFILE

企业简介

Shijiazhuang Tengdi Machinery Trading Co., Ltd., located in Shijiazhuang, the capital of Hebei Province, is a high-tech enterprise integrating design, research, production, sale and service and is committed to providing reliable products and service to global customers since the first of day of incorporation. Having been certified by ISO9001, TENGDI supplies ERW pipe mill, slitting line, and cut to length line, which have passed the certification of CE and SGS.

There is a stable and strong technical team, including 30 engineers and 6 senior engineers. Following the concept of independent innovation, the team has optimized and absorbed the essence of China's machinery manufacturing industry, while referring to advanced foreign technologies to design a series of production lines with simple operation and convenient maintenance, which will help our customers to realize the dream of low investment and high return.

During the past years, TENGDI team has accumulated rich experience in negotiation, and can timely and accurately understand the specific needs of investors. We can also rely on our comprehensive capabilities to meet the diversified needs of investors. As a result, TENGDI has won unanimous praise from clients, and has gradually grown into an important supplier for global customers.

Following the international strategy, TENGDI has set up three overseas offices serving customers in 50 countries and regions in Middle East, Eastern Europe and South America. The products are widely used in oil pipeline, steel structure, low-pressure fluid, automobiles and furniture.

In the future, TENGDI will adhere to the tenet that "today's quality is tomorrow's market" to cultivate the famous brand of TENGDI MACHINERY so that the world will love what is made in China.

石家庄腾迪机械设备有限公司位于河北省会石家庄，是一家集设计研发、生产销售和服务于一体的高新技术企业，成立伊始，一直致力于为全球客户提供可靠的产品和服务。公司通过了ISO9001认证。腾迪的主要产品有ERW焊管生产线、带钢卷纵剪线、横切线等，产品通过了CE认证、SGS认证。

腾迪拥有一支稳固、强大的技术团队。工程师30余人，高级工程师6人。技术团队遵循公司自主创新的先进理念，优化吸收了中国机械制造业之精华，同时借鉴国外先进技术，设计了一系列操作简单、维护方便的生产线。为客户实现了低投资，高收益的梦想。

经过多年的发展，腾迪团队积累了丰富的谈判经验，能够及时准确地了解投资者的具体需求，并利用腾迪的综合实力来满足投资者的多样化需求。因此，腾迪赢得了用户的一致好评，并逐渐成长为全球客户的重要供应商。

腾迪实施国际化战略，在海外设立了三个办事处，服务于中东、东欧、南美等50个国家和地区的客户。产品广泛应用于石油管道、钢结构、低压流体、汽车、家具等行业。

在未来发展中，腾迪将继续以“今天的质量，明天的市场”为宗旨，打造腾迪机械知名品牌形象。让世界热爱中国造！



ENTERPRISE QUALIFICATION

企业资质



Honor comes from hard work.

Each recognized qualification certificate is the crystallization of our hard work, and each honor is a signpost and a journey. We will also take each honor as a starting point, and continue to forge ahead and surpass ourselves.

The team independently developed and obtained more than 20 patents, passed ISO9001 quality management system certification and environmental management system certification.

荣誉源于用心。

每一份认可的资质证书都是凝聚我们奋力拼搏的结晶，每一份荣誉都是一个路标，一次历程。

我们也将以每次荣誉为起点，不断锐意进取，超越自我。团队自主研发获得20多项专利，通过ISO9001质量管理体系认证，环境管理体系认证。

BASIC PARAMETERS

基本参数

	Round Tube 圆管	Square Tube 方管	Rectangular Tube 矩形管
Specification 规格	76-150(mm)	40*40-120*120(mm)	40*20-160*80(mm)
Thickness 壁厚	1.5-6.0(mm)	1.5-6.0(mm)	1.5-6.0(mm)
Length 钢管长度	6-12(m)		
Speed 速度	≤60m		

	Round Tube 圆管	Square Tube 方管	Rectangular Tube 矩形管
Specification 规格	25-76mm(mm)	15*15-60*60(mm)	30*10-80*40(mm)
Thickness 壁厚	0.8-4.0(mm)	0.8-4.0(mm)	0.8-4.0(mm)
Length 钢管长度	6-12(m)		
Linear Speed 速度	120m/min		

	Round Tube 圆管	Square Tube 方管	Rectangular Tube 矩形管
Specification 规格	21.3-51mm(mm)	15*15-40*40(mm)	30*10-50*25(mm)
Thickness 壁厚	0.6-2.5(mm)	0.6-2.0(mm)	0.6-2.0(mm)
Length 钢管长度	3-6(m)		
Linear Speed 速度	120m/min		

EQUIPMENT LIST AND MOTION PROCESS DESCRIPTION

设备组成及动作过程描述

The flying saw cuts the steel pipe, conveys it from the roller table, and flips the material on both sides. The waste pipe is signaled by the flying saw and removed to the waste side. The finished pipe is running normally, and turned to the side of the baler. Packaged, no detection function.

飞锯切断钢管，自辊道输送过来，两侧翻料，废品管由飞锯给出信号，剔除到废品一侧，成品管正常运行，翻至打包机一侧，打包机只负责成品管的打包，不具有检测功能。

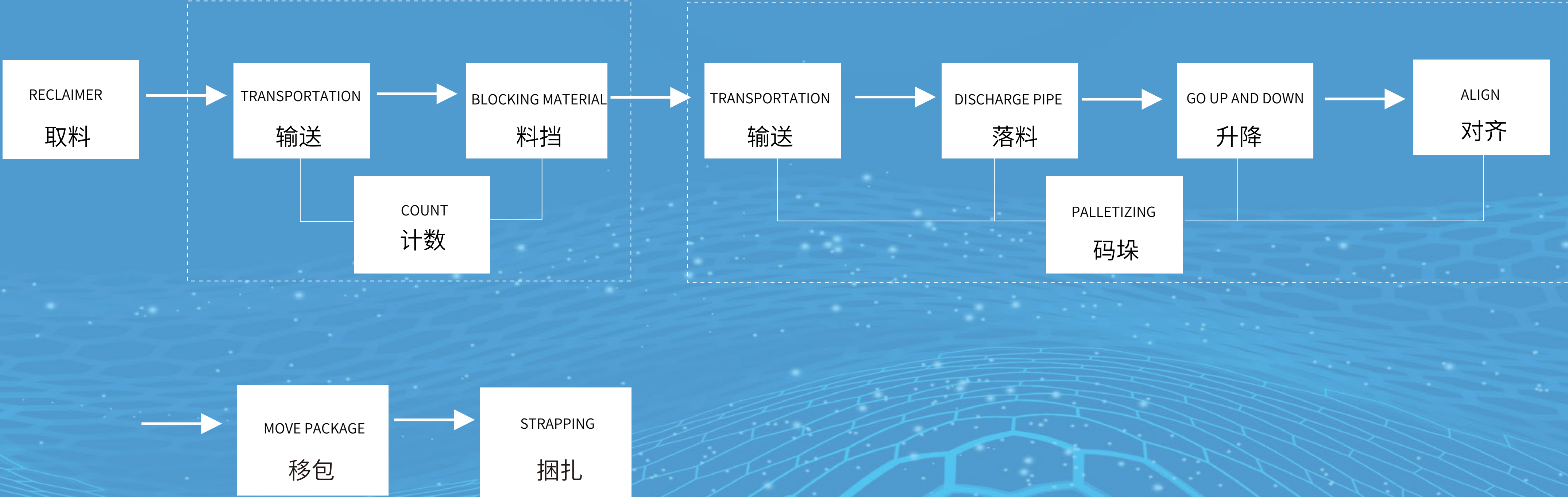


- 1. Feed counting device:** the steel pipes are fetched and counted one by one, and then one end is aligned and moved to the waiting area;
- 2. Mechanical fork arm type automatic palletizer:** put the whole layer of steel pipes after counting into the lifting material frame (Note: steel pipes with diameters less than 32 need manual palletizing.);
- 3. Receiving and moving trolley:** move the whole package of steel pipes out of the stacking station;
- 4. Strapping machine:** hand-held strapping machine, manual strapping and lifting;
- 5. Hydraulic and electric control:** provide power for the equipment and control the equipment through the program;
- 6. Conversion of square tubes and round tubes:** Manually adjust the position of the arm of the material receiving frame to meet the requirements of different package shapes of hexagons and quadrilaterals; at the same time, the control panel can switch between round tubes and square tubes. In this way, the switch between round tube and square tube can be achieved.

- 1. 取料计数装置:** 钢管逐根取料、计数，然后一端对齐并移至待料区；
- 2. 机械叉臂式自动码垛机:** 将计数完成后的整层钢管码放至升降料框内 (注意: 直径小于32的钢管需要人工辅助码垛。);
- 3. 接料横移小车:** 将整包钢管移出码垛工位；
- 4. 捆扎机:** 手持式捆扎机, 人工完成捆扎, 吊运；
- 5. 液压、电控:** 为设备提供动力, 通过程序控制设备；
- 6. 方管、圆管的转换:** 人工调整接料料框挡臂的位置, 以满足六边形、四边形不同包型的要求; 同时控制面板上在圆管、方管之间相互转换。如此即可达到圆管、方管之间的切换。

PROCESS FLOW

工艺流程



PRODUCT CATEGORIES

产品分类

01

SQUARE TUBE PALLETIZER

方管码垛机

02

ROUND TUBE PALLETIZER

圆管码垛机

03

COLD FORMED STEEL
PALLETIZER

冷弯型钢码垛机

04

MECHANICAL FORK ARM
AUTOMATIC PALLETIZER

机械叉臂式自动码垛机

05

ELECTROMAGNETIC SUCTION
CUP AUTOMATIC PALLETIZER

电磁吸盘式自动码垛机

06

STEEL BELT AUTOMATIC
STRAPPING MACHINE

钢带自动捆扎机

07

COMBINED PNEUMATIC
STRAPPING MACHINE

组合式气动捆扎机

SQUARE TUBE PALLETIZER

方管码垛机



ROUND TUBE PALLETIZER

圆管码垛机



03

COLD FORMED STEEL
PALLETIZER

冷弯型钢码垛机



MECHANICAL FORK ARM
AUTOMATIC PALLETIZER
机械叉臂式自动码垛机

04

ELECTROMAGNETIC SUCTION
CUP AUTOMATIC PALLETIZER
电磁吸盘式自动码垛机

05



STEEL BELT AUTOMATIC
STRAPPING MACHINE
钢带自动捆扎机

06





COMBINED PNEUMATIC
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组合式气动捆扎机

