Due to continuous technical updates, technical parameters are subject to change without notice.

The machine in the picture may include additional devices.

The pictures are for reference only, and the actual product shall prevail.



HUNAN TONA MACHINERY TECHNOLOGY CO.,LTD



No. 16, Lixiang Middle Road, Economic Development Zone, Changsha, Hunan, China

+86 13873120531

✓ dong@tona-tec.com



TECHNOLOGY CREATES QUALITY PRODUCTS
SERVICE CREATES VALUE

Container Rotating Spreader



COMPANY PROFILE

Hunan Tona Machinery Technology Co., Ltd. was established in April 2019, and located in Changsha Economic and Technological Development Zone - a global high-end equipment intelligent manufacturing center. We are committed to providing customers with research and development, production, and technical services of complete container handling equipment, bulk cargo handling equipment, ship repair equipment, and customized equipment. We strive to become a leader in the customization of bulk container handling and high-end equipment.

Upholding the principle of innovation-driven development, the Company provides customers with excellent product and service value. Our R&D investment maintains a rapid growth of 30%. By virtue of strong R&D and innovation capabilities and long-term experience in construction machinery, while depending on the complete advantages of Changsha's construction machinery industry chain, the Company currently enjoys a sound development in port equipment, bulk cargo handling, green ship repair, and product customization. The container rotating spreader, which is used for bulk cargo handling, stably ranks first in the domestic market share.



Company Vision

To be a leader in the customization of bulk container handling and high-end equipment



Service Concept

Success Lies in Quality
Service Determines the Future



Business Philosophy

Technology creates quality products service creates value

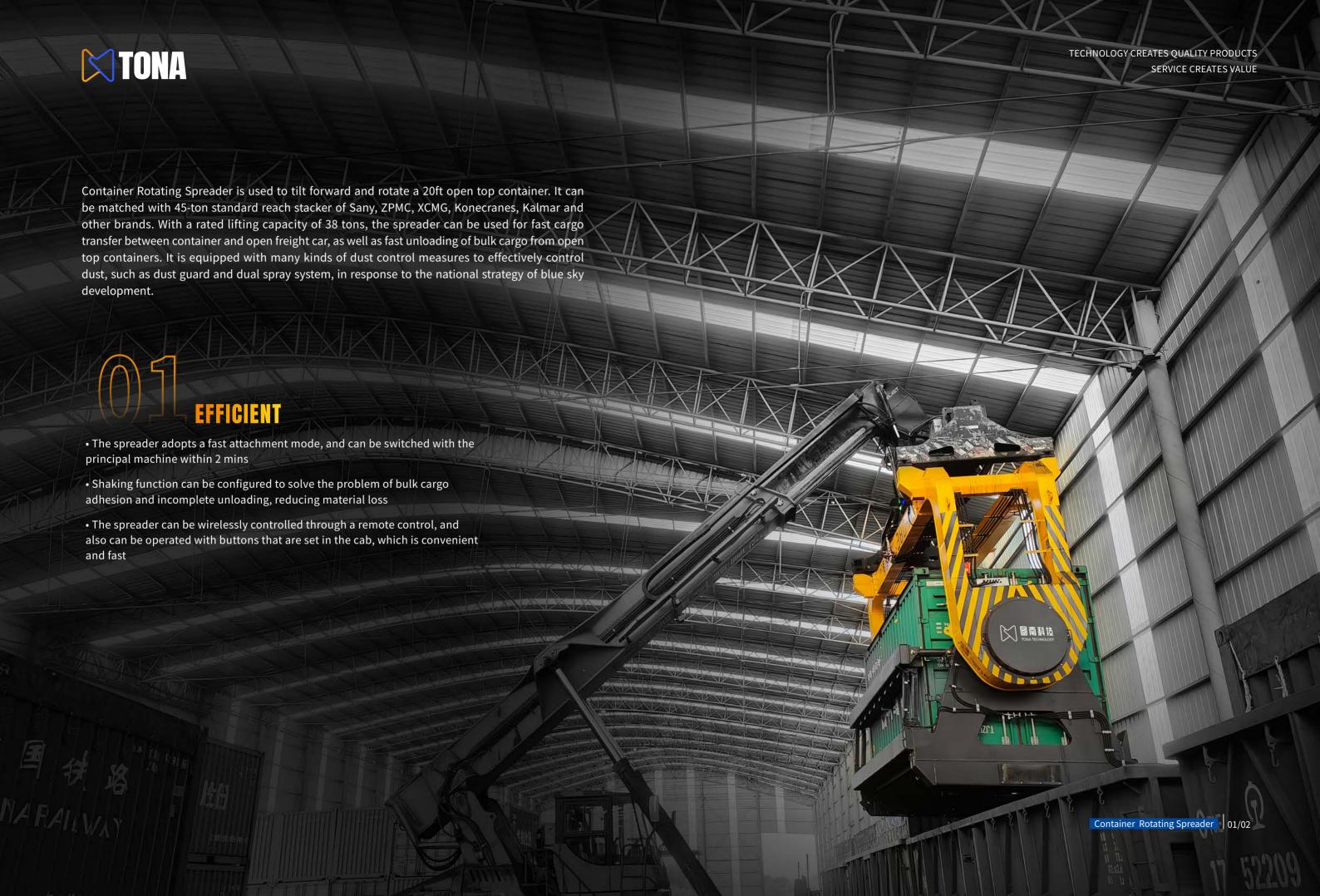


Core Values

Innovation - Customer First Specialty - Product First

As a high-tech enterprise, we always respond to national initiatives, actively promote the "intelligent, green and high-end" industrial transformation, and steadfastly pursue the technological innovation. We regard the transformation of independent research and development into scientific and technological achievements as the guiding beacon for the Company's progress. The Company has been granted titles such as "National High-tech Enterprise" and "Provincial SRDI Small and Medium-sized Enterprise", and has applied for and been authorized more than 30 patents.









ENVIRONMENTAL PROTECTION





TECHNICAL PARAMETER

Item	TRQ380
Product name	Rotating spreader of Reach Stacker
Applicable container type	20ft open top container
Applicable principal machine	45t standard Reach Stacker
System pressure	14MPa
Rated capacity	38t
Dead weight of the spreader	10t
Rotating angle	-10-220°
Rotating time	60s
Twistlock technology	ISO floating twistlock
Protection class	IP55

OPTIONAL FEATURES







Vibration function

Dust guard

Dual spray system

EXTENDED MODEL



Rotating Spreader of Quayside Crane TRS3820/TRS3840

Applicable product	Rated load	Container spec.	Weight
Quay Crane	38t	20ft/40ft open top container	10.5t /14.0t







Rotating Spreader of Portal Crane TRM450

Applicable product Rated load Container spec. Weight Portal/Mobile Harbor Crane 45t 20ft open top container 13.0t







EXTENDED MODEL



Rotating Spreader of Ship Crane TRSC380

Applicable product	Rated load	Container spec.	Weight
Ship crane	38t	20ft open top container	8.5t







Rotating Spreader of Bridge Crane TRB380

Applicable product	Rated load	Container spec.	Weight
Bridge crane	38t	20ft open top container	9.5t





EXTENDED MODEL



Multi-Purpose Container Rotating Spreader TRM380

Applicable product	Rated load	Container spec.	Weight
Quayside crane, gantry crane, Portal crane	20ft spreader: 45t	20ft standard container	20ft spreader: 3.5t
	Rotating spreader: 38t	20ft open top container	Rotating spreader: 9t







Integrated Rotating Spreader TRW380

Applicable product	Rated load	Container spec.	Weight
Reach Stacker	38t	20ft open top container	13.3t
(Directly connected to the Re			







PRODUCT SALES LAYOUT





CONSTRUCTION CASES





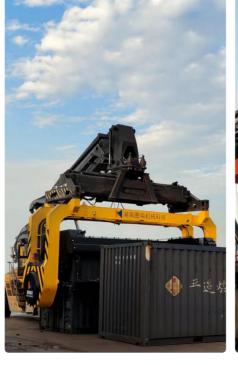


















AFTER-SALE SERVICE

Service Concept: Success lies in quality, service determines the future

Performance Pledges and Specific Measures:

- Provide standardized customer operation training and equipment maintenance training.
- Offer 24h phone and video-based guidance for free to improve the troubleshooting speed and repair efficiency of customers.
- Actively inspect equipment at fixed periods and provide standard inspection forms for record keeping.
- Set up an exclusive accessories warehouse based on customer needs.

