



Company Introduction

SDNT Corporation

www.sdntcorp.com

Aug. 2024

Rev.13

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automation

2. Heavy duty logistics AGV

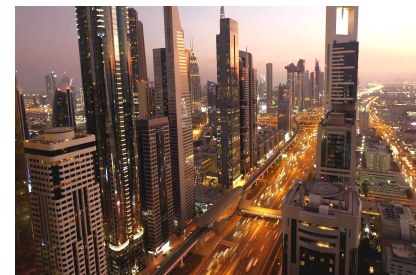
3. Consulting & services



Promotional video



(Korean version)



(English version)



(Chinese version)

I . Introduction of company ; General

General	
Company (Capital)	SDNT Corporation (300 million won)
Founder	Mr. Yoon Seak Dong
Establish date	18 th Dec. 2018
Address (Office)	A-818 No.40 Dongcheon 1 gil, Jung-gu Ulsan Korea
(Factory)	170 Sangbuk-ro, Ulju-gun, Ulsan Korea
Main Biz.	Automation, Heterogeneous material bonding, Heavy duty AGV, Soft Gripper, Consulting & Services

History

- Dec. 2018. Establishment
- Jun. 2020. Join KOTRA membership
- Nov. 2020. 1st patent registration
- Dec. 2020. Award 1 mil. Export tower
- Jul. 2022. Venture enterprise registration
- Sep. 2022. Assigned promising small-sized export enterprise
- Aug. 2023. Affiliated research enterprise
- Apr. 2024. Contract Heavy duty AGV(150ton) with KOC Elec.
- May. 2024. Contract Heavy duty AGV(250ton) with Hyosung Heavy Ind.

China Joint corporation

Company (Capital)	Beijing SDNT Corporation (1 million CNY)
Founder	Mr. Yoon Seak Dong
Establish date	6 th Jan. 2021
Address	3F Building 25, No9 Linhe south street Shunyi District Beijing China
Main Biz.	Customer management, Inquiry development, A/S, Consulting, Export/Import
Home Page	www.sdntcorp.com

Registration Joint corporation



I . Introduction of company ; Biz history

Specialized service & consulting with leading-edge automation technology



Heavy duty AGV



Automation system (Railway car)



EMPT



Soft Gripper

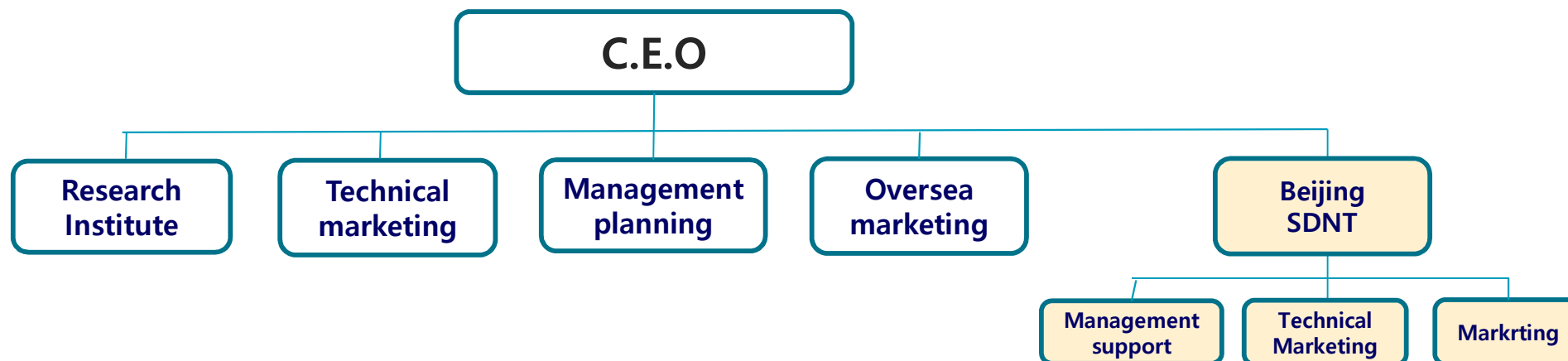


Thermal camera



Service & Consulting

I . Introduction of company ; Organization



Job Assignment

Org	Research Institute	Technical marketing	Management planning	Oversea marketing	Beijing SDNT
Loc.	Ulsan	Ulsan	Ulsan	Ulsan/Seoul	Beijing, China
J O B	<ol style="list-style-type: none"> 1. R&D 2. Intellectual property 3. Exhibition domestic /oversea 4. Develop new biz. 5. Smart factory 	<ol style="list-style-type: none"> 1. Develop automation system 2. Inquiry respond 3. Project execution 4. Technical support 5. New technology verification 	<ol style="list-style-type: none"> 1. Salary, Insurance 2. HR, work attitude management 3. Financial planning 4. Accounting 4. Tax invoice 5. Contract & document 6. ESG management 	<ol style="list-style-type: none"> 1. Dev. new Inquiry 2. Project support 3. CRM 4. After service 	<ol style="list-style-type: none"> 1. Dev. Inquiry 2. Project execute 3. Tech. support 4. Adopt new-tech 5. CRM

I. Introduction of company ; Certification

○ Certification for quality & technology



Int. Quality Management system ISO9001



Int. Environment Management system ISO14001



KOTRA Membership



Venture enterprise cert.



Promising small-sized export enterprise



Affiliated research institute

I. Introduction of company ; Patents

○ Intellectual property right



NO	Application No.	Title of patent	Country	App. date	Rgistration date
1	10-2020-0080949	Spot welder that can move position easily	Korea	'20.07.01	20.11.03 (제10-2176292호)
2	2020 11045964.X	Spot welder that can move position easily	China	'20.09.29	'22.03.08 (CN 112658450 B)
3	10-2020-0134030	A jig for a roof structure of a railroad car and a welding system	Korea	'20.10.16	'22.04.13 (제10-2241811호)
4	2020 11416775.9	A jig for a roof structure of a railroad car and a welding system	China	'20.12.17	'24.04.16 (CN 114378465 B)
5	10-2021-0188470	Auxiliary electrode assembly for indirect welding	Korea	'21.12.27	'23.07.11 (제10-2555853호)
6	2022 10054366.1	Auxiliary electrode assembly for indirect welding	China	'22.01.18	
7	ID2022 003006	Dr. Swero (Trademark registration)	Indonesia	'22.01.13	'22.01.13 (IDM001058353)
8 / 9	2024 10114390.9 10-2024-0006486	Width changeable AGV	Korea/China	'24.01.26	
10/11	2024 10111587.7 10-2024-0002667	Width changeable AGV	Korea/China	'24.01.26	
12/13	2024 10137193.9 10-2024-0012426	Attachable auxiliary AGV and combination with usage	Korea/China	'24.01.31	

II. Business : 1. Automation system

1) Railway car automation

ROOF welding system



SIDE indirect welding system



Subframe welding system



Painting automation system



II. Business : 1. Automation system

2) Heterogeneous material joining

○ EMPT character

- High strength
- Heterogeneous material
- Low power consumption
- Precise forming
- Very short cycle time
- Hyper-speed joining forming

○ EMPT description

Using electro magnetic pulse power to join different parts within short time.

No environment pollution sources such as fume, dust emission.

Achieve environment-friendly technology.



* EMPT : ELECTRO MAGNETIC PULSE TECHNOLOGY

○ Types of heterogeneous material joining



EMPT Vessel joining



EMPT Frame joining



Clinching ; Auto



Clinching ; Manual



II. Business : 2. Heavy duty logistics AGV

○ Category of AGV (upto 600ton)

Heavy & Big parts



Flexible line



Outdoor



- App. 100t
 - Cost reduction, effect upto 35%
 - Applied : Steel, Wind power, Power TR, Press die, Equipment, Shipbuilding block, Railway car, Aerospace, Military industries etc.
 - Replace : RGV, Crane, Transport , Air pallet etc traditional carrying devices
-
- AGV+ Profiling JIG
 - Flexibility, Multi-model, Space save & cost reduction upto 30%
 - Applied : Construction equip. car, aerospace etc assembly line
 - Replace : Chain plate line, Crane, RGV, Manual carrying devices
-
- GPS & Multi sensor combined guidance
 - In/Outdoor or Outdoor auto
 - Applied : Industrial field, Harbor, Port, Railroad, Airport, Steel etc
 - Replace : Fuel vehicle, Trailer, Transporter etc
 - Special : Seaport container, Nuclear power plant, anti-explosion, other special environment

II. Business : 2. Heavy duty logistics AGV

○ Main target market

Electric power transformer



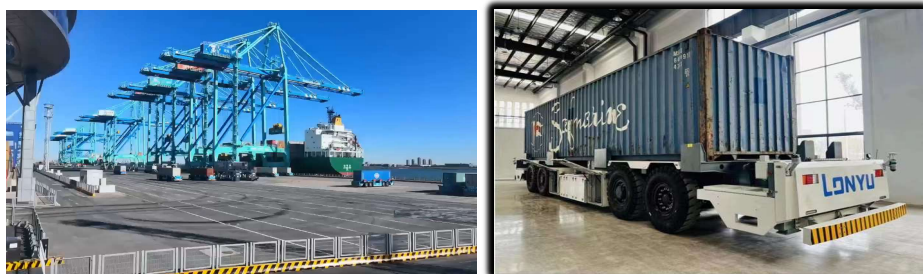
>> Carrying weight : 30 Ton ~ 360 Ton

Offshore wind power parts



>> Carrying weight : 40 Ton ~ 360 Ton

Container at seaport



>> Carrying weight : 70 Ton ~ 200 Ton

Shipbuilding block



>> Carrying weight : 200 Ton ~ 1000 Ton

II. Business : 3. Consulting & services

○ Soft Gripper



Food

Certified FDA standard



Textile

Fabric material handling



Daily necessities

Packaging line automation



Electric parts

High sensitive, precise parts



Auto parts

Pick & place tool for multi model production line



Medical

Medical device production line



○ Thermal camera



Maritime Security Thermal Camera

640x 480 Thermal / 1920x1080 optical resolution
35mm, 40mm, 50mm and 75mm lens...



Vehicle Thermal Camera

640x 480 Thermal / 1920x1080 optical resolution
Image details enhancement and high dynamic...



Explosion-proof PTZ Camera
360° anti-explosion PTZ platform



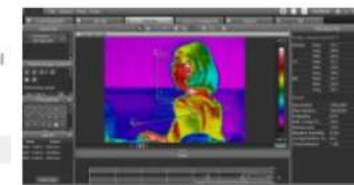
Surveillance Security Thermal Camera

640x 480 Thermal / 1920x1080 optical resolution
30-150mm continuous zooming, other options...

Web interface



SCTI Tools



Integration & 2nd Development



II. Business : 3. Consulting & services

- * Sales consulting : Project(automatic warehouse, refrigeration warehouse etc.) inquiry development & marketing
- * Services : Industrial/Cooperation robot sales, feasibility study, technical support, maintenance, repair & overhaul
- * Others : Construction material import
- * Oversea' s marketing field : China, Vietnam, Indonesia etc



* Pictures in this page are reference only.



Thank you.

ALWAYS WITH YOU !



SDNT Corporation