

ABOUT US

Dong Anh Licogi Mechanical Joint Stock Company (CKDA) was established in 1963. Starting a small fixing workshop, CKDA now grows to be one of the most prestige and well-known companies in Vietnam. We are operating on the main fields of manufacturing, trading & services and investing & developing industrial zones.

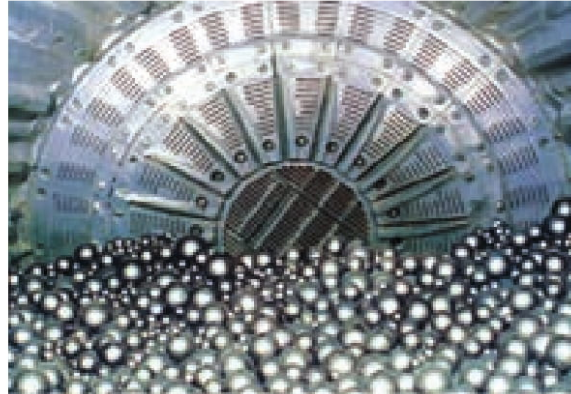
In manufacturing, we are producing 3 main groups of products: casting (foundry); space frame & steel structure; Aluminium profile.

In trading & services, we specialize in providing materials and equipments for foundry and Aluminium industries such as ferrous, non-ferrous, Aluminium billet, Aluminium ingot,... We also trade on petrol & oil.

In investing & developing industrial zone, we have joint venture with Sumitomo Corporation (Japan) to set up Thang Long Industrial Park (Tlip I & II) at Ha Noi and Hung Yen Province. Now they are most successful industrial zones in Vietnam.

We are very proud of our products and services which are highly appreciated by all the customers in nationwide and overseas markets.

Always innovation with the motto of the cooperation for development, CKDA is looking forward to cooperate with all of you!



COMPANY INTRODUCTION

I. General information

Company name	: DONG ANH LICOGI MECHANICAL JOINT STOCK COMPANY
Address	: Group 8, Dong Anh Townlet, Dong Anh, Hanoi, Vietnam
Foundation	: 1963
Legal representative	: Mr. LA QUY DUAN /General Director.
Tel	: +84.24.38833818/39631999
Fax	: +84.24.38832718
Website	: www.ckda.vn
Email	: info@ckda.vn
Manpower	: 850
Capital	: 310.000 millions USD (31/12/2018)
Turnover	: 1.365.000 millions USD in year of 2018
Total assets	: 946.000 millions USD (31/12/2018)

II. Company History

- 1963: Established to be a small fixing factory of mechanical implements.
- 1995: Officially named Dong Anh Mechanical Co.,
- 1997: Jointed venture with Sumitomo Corporation (Japan) to set up Thang Long Industrial Park at Hanoi.
- 1998: Invested the automatic foundry line Disamatic (Denmark) and start to produce casting alloys with large amount.
- 2001: Started the group of space frame steel structure with production line from Germany.
- 2004: Established Aluminium extrusion factory to produce Aluminium profile.
- 2011: Renamed as Dong Anh Mechanical One Member Co., Ltd.
- 2014: Renamed as Dong Anh Licogi Mechanical Joint Stock Company.

III. Our slogan

CKDA®

CHẤT LƯỢNG - KINH TẾ - ĐÚNG HẠN - AN TÂM
CHANGE - KEY - DISCIPLINE - ACTION

OUR AWARDS

During over 40 years of operation and development, CKDA has been acknowledged and appreciated by Vietnamese Government as well as many other domestic and international prestige offices. We have been certified and awarded valuable prizes:

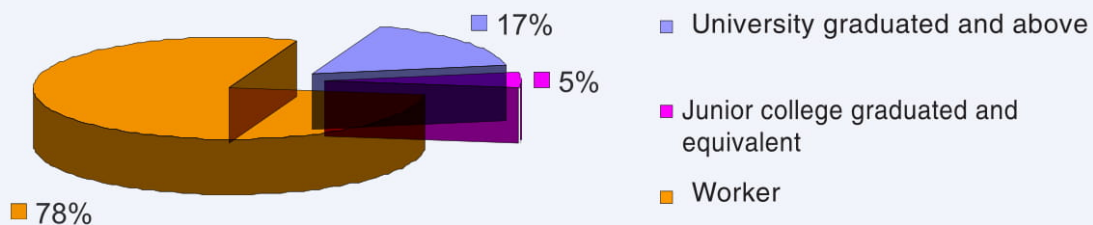
1. Labour Medal First Class granted in 1999, the Medal of Hero Labour in Innovation Period in 2005, the Independence Medal in 2008. All are granted by Vietnamese President.
2. VIFOTEC – Science and Technology Award in 1998 and 2011 of Ministry of Science, Technology and Environment.
3. Golden Cup for developing community & Vietnam Golden Star Awards in 2004.
4. More than 10 certificates of merit and prizes by Ministry of Construction.
5. Many Golden cup & gold medal for the quality at important and major exhibitions.
6. Award of reliable exporter in year 2010; 2011 presented by Ministry of Industry and Trade.
7. Golden Cup for Vietnam Fund and Scientific and Technological Creations Award (VIFOTEC) in 2013.



LABOUR CAPACITY

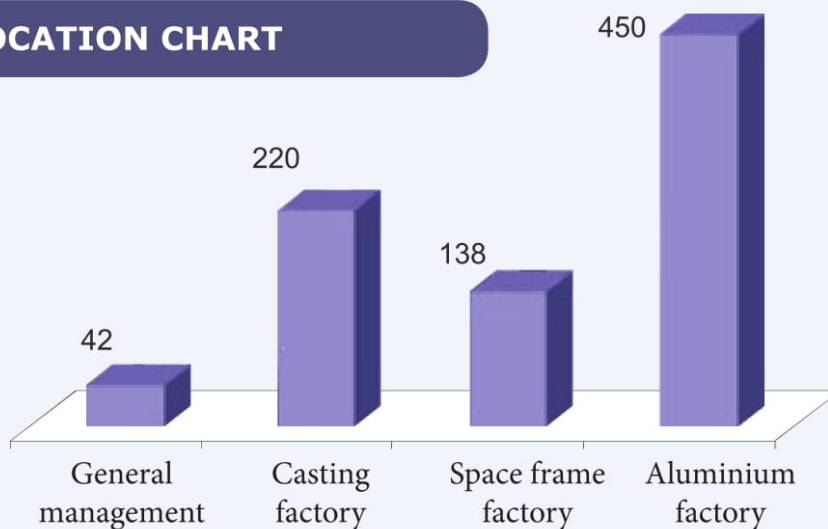
Total of manpower	: 850
University graduated and above	: 134
Junior college graduated and equivalent	: 40
Worker	: 676

MANPOWER CHART



General management	: 42
Casting factory	: 220
Space frame factory	: 138
Aluminium factory	: 450

ALLOCATION CHART



MAIN FIELDS OF MANUFACTURING

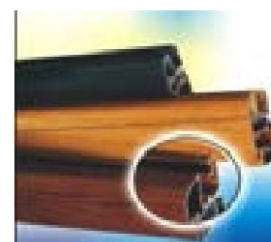
I. Foundry products (since 1998)



II. Space frame and steel structure (since 2001)



III. Aluminium profile (since 2005)



I. FOUNDRY PRODUCTS

On this production field, we manufacture grinding media (balls and cyped), grinder material, wearing and impacting resistant alloy, heat resistant alloy and various spare parts made of casting steel alloy, casting iron alloy or other specific materials to serve for the industries of cement, mines, coal-fired power plant, chemical fertilizer,... including 7 main groups:

1. Crusing parts: hammer, hammer disc, anvils,...
2. Grinding media (balls and cyped): Casting, Forging and Rolling
3. Internal part of ball mills: shell liner, partition, diaphragm. . .
4. Internal parts of vertical mills: Roller tyre, table liner, chute liner, hammer head, disc, grate bar. . .
5. Internal parts of Horomill: Liner, grinding balls,..
6. Parts for kiln rotaries: cooler grate plate, aneaux body, bracket, nose ring & tail ring segment, flap damper, brick stopper, Inner tube, chain, clinker coolers . . .
7. Other casting products: teeth for excavator, blade for bulldozer, manhole cover, Casting Wheel, Universal joint parts for crushers, and other parts for construction vehicle machines . . .



For manufacturing, we use automatic foundry line and green sand mould technology of DISAMATIC (Denmark), skew rolling line and complete & modern machining equipments. Heat treatment system controlling is CNC. We are in process of establishing resin sand molding system, Alpha-set technology from UK, start operating in April 2018.

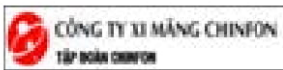


Our exporting products are grinding ball; spare parts made of wearing resistant alloy for cement factories; valve bodies for petrol & oil industry, wearing parts for construction vehicles.

Our major exporting markets are USA, UK, Japan, Korea, Thailand, India, Canada, Italy, Australia, UAE.

With international standard of quality and capacity of 15,000 tons/year, we are becoming one of the leading suppliers this group of products in ASEAN countries.

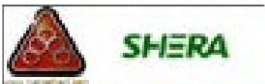











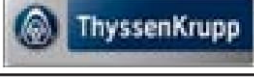


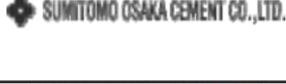

REFERENCE LIST OF FOUNDRY PRODUCTS

1. IN DOMESTIC

No	NAME OF CUSTOMERS	LOGO	BUSINESS	ADDRESS
1	Hoang Thach Cement Corp.		Cement	Hai Duong
2	Ha Tien 1 Cement Corp.		Cement	Ho Chi Minh City
3	Hai Phong Cement Corp.		Cement	Hai Phong
4	Chinfon Haiphong Cement J.V Corp.		Cement	Hai Phong
5	Bim Son Cement Corp.		Cement	Thanh Hoa
6	Nghi Son Cement J.V. Corp.		Cement	Thanh Hoa
7	But Son Cement Corp.		Cement	Ha Nam
8	Hoang Mai Cement Corp.		Cement	Nghe An
9	Luks Cement (Vietnam) Limited		Cement	Hue
10	Tam Diep Cement Company		Cement	Ninh Binh
11	Sai Gon Development Corp.		Cement	Sai Gon
12	Tay Do Cement Joint Stock Co.,		Cement	Can Tho
13	Ha Giang Cement Company		Cement	Ha Giang
14	Pha Lai Thermal Power Joint Stock Co.,		Thermo-Electricity	Quang Ninh
15	Hai Van Cement Joint Stock Co.,		Cement	Da Nang
16	Ninh Binh Thermal Power Co.,		Thermo-Electricity	Ninh Binh
17	Binh Duong Cement Joint Stock Co.,		Cement	Binh Duong

No	NAME OF CUSTOMERS	LOGO	BUSINESS	ADDRESS
18	An Giang Construction Co.,		Building materials	An Giang
19	Maycasting Company		Metallurgy	Ha Noi
20	TSUKUBA Die Casting Vietnam Co., Ltd		Die casting	Ha Noi
21	Thang Long Cement Joint Stock Co.,		Cement	Quang Ninh
22	Quang Ninh Construction and Cement Co.,		Cement	Quang Ninh
23	Minh Phuc Co., LTD		Building materials	Hai Duong
24	Viglacera Ha Long 1		Porcelain brick	Quang Ninh
25	Cam Pha Cement Joint Stock Co.,		Cement	Quang Ninh
26	Ha Long Cement Joint Stock Co.,		Cement	Quang Ninh
27	Yen Bai Cement Joint Stock Co.,		Cement	Yen Bai
28	Lafarge Cement Company		Cement	HCM City
29	Mechanical Studying Institute		Building materials	Ha Noi
30	Viet Lao Transportation and Construction Co.,		Building materials	Da Nang
31	Hoa Phat Cement Joint Stock Co.,		Cement	Ha Nam
32	FICO Tay Ninh Cement Joint Stock Co.,		Cement	Tay Ninh
33	Quang Son Cement Joint Stock Co.,		Cement	Thai Nguyen
34	Yen Binh Cement Joint Stock Co.,		Cement	Yen Bai

2. OVERSEAS

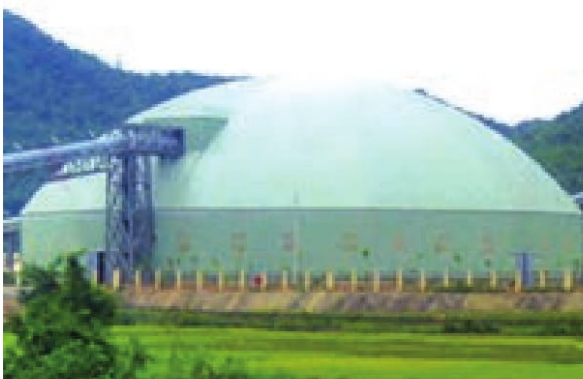
No	NAME OF CUSTOMERS	LOGO	BUSINESS	ADDRESS
1	Mahaphant Cement Public Co Ltd-ThaiLand		Cement	Thailand
2	Sinai Industry co.,ltd – Korea		Trading grinding ball	Korea
3	Ssangyong Cement Industrial Co., Ltd		Cement	Korea
4	Tong Yang Cement Coporation		Cement	Korea
5	Hankok Cement Co., Ltd		Cement	Korea
6	Longwear – UK		Cement	UK
7	Bray control INC – USA		Pumps & valves	USA
8	Fonderie ouelet INC		Casting alloy	CANADA
9	Valente Spa (Italy)		Casting alloy	Italy
10	Kotobuki Eng and MFG Co, Ltd		Crushers	JAPAN
11	Shinshu Trading Co., Ltd		Trading grinding ball	JAPAN
12	Furairah Cement Industry		Cement	UAE
13	ThyssenKrupp POLYSIUS		Cement Equipments	Germany
14	F.L SMIDTH		Cement Equipments	Denmark
15	Mineral Processing Supplies MPS		Mineral Processing	Australia
16	Sumitomo Osaka Cement Co., Ltd.		Cement	Japan
17	Moly-Cop Australia		Mineral Processing	Australia

II. STEEL SPACE FRAME STRUCTURE

Up to now, we are the unique manufacturer in Vietnam investing complete and modern equipment of Germany to manufacture space frame with ball node design according to Europe's standard. Our capacity is of 100,000 M2/year.

These products are often used in constructing public projects and industrial houses where need large span and fresh space without column, modern style and high artistic requirement such as: Sport complexes, stadiums, exhibition areas, exhibition centres, super markets, storages of factories, stations,... or the front or inside of buildings for decorating purposes.

Currently, we shared about 90% the domestic market and initially assert brand name in oversea market. CKDA exported the first orders of space frame to UAE and Namibia and in negotiating some other projects in Indonesia, Middle East Asia and Africa.



TYPICAL SPACE FRAME PROJECTS

1. IN DOMESTIC

Name of project	Floor area (m ²)	Time		Location
		Begin	Finish	
Building T1 - Noi Bai International Airport	31071	2000	2001	Ha Noi
Sport Complex of Ha Noi Architectural University	1334	10/2001	11/2001	Ha Noi
Children Cultural Palace Dam Sen, Ho Chi Minh	2200	12/2001	2/2002	HCM City
Vung Tau Sport Complex	2000	01/2002	03/2002	Vung Tau
Quan Ngua Sport Complex	8686	02/2002	05/2002	Ha Noi
Can Tho Sport Complex	5400	03/2002	09/2002	Can Tho
Sport Complex Of Hai Phong Private University	2340	04/2002	06/2002	Hai Phong
Vinh Phuc Sport Complex	4460	04/2002	06/2002	Vinh Phuc
Ninh Binh Sport Complex	9800	11/2002	04/2003	Ninh Binh
Ninh Binh Stadium	4400	11/2002	07/2003	Ninh Binh
Sport Complex Of Gia Lam District	3400	03/2003	4/2003	Ha Noi
Sport Complex Of Cam Pha	11000	03/2003	5/2003	Quang Ninh
Phu Tho Sport Complex	8800	03/2003	08/2003	Phu Tho
Cash & Carry Viet Nam Ltd	3100	04/2003	06/2003	Ha Noi
Centre Control Air Traffic, Adjacent Prompt Area Notice in HCM City	1300	04/2003	07/2003	HCM city
Ba Vi Pool	300	05/2003	07/2003	Ha Noi
Sport Complex Of Thua Thien Hue	61000	08/2003	10/2003	Hue
Hai Phong Exhibition Fair Centre Of Trade & Culture	13000	11/2003	03/2004	Hai Phong

Name of project	Floor area (m ²)	Time		Location
		Begin	Finish	
Entertainment Centre of Vinh Yen	1600	12/2003	04/2004	Vinh Yen
Thua Thien Hue Pool	1800	12/2003	04/2004	Hue
Area Passenger Of Tan Son Nhat Airport International	4801	04/2004	10/2004	HCM City
Cash & Carry Metro Of Can Tho	2200	06/2004	09/2004	Can Tho
Limestone storage of Song Gianh Cement Factory	12567	06/2004	06/2005	Quang Binh
Thua Thien Hue Stadium	2459	07/2004	08/2004	Hue
Coal storage of Song Gianh Cement Factory	9600	08/2004	08/2005	Quang Ninh
Sport Complex Of Van Tuong	5800	09/2004	3/2006	Quang Ngai
Sport Complex Of Bac Ninh	5600	12/2004	03/2005	Bac Ninh
Viet Tri Stadium	4500	02/2005	04/2005	Viet Tri
Hanaka Cable Workshop	8147	04/2005	10/2005	Ninh Binh
Tay Ho Stadium	1800	5/2005	11/2005	Ha Noi
Da Nang Opera House	16000	12/2005	2007	Da Nang
Limestone storage Of Song Thao Cement	5400	12/2005	2007	Phu Tho
Quang Tri Pool	1100	6/2007	12/2007	Quang Tri
Sport Complex Of Tay Nguyen	2800	8/2007	11/2007	Tay Nguyen
Complex Of Dien Bien	4500	10/2007	2/2008	Dien Bien
Sport Complex Of Hai Phong	6300	11/2007	4/2008	Hai Phong
Premix Storage Of Binh Phuoc Cement Factory	9100	11/2007	12/2008	Binh Phuoc
Sport complex of Ha Lam Coal Mine	2600	11/2007	06/2008	Lao Cai
A2 Experimental Research Centre – HCM University Of Agroforestry	2400	06/2008	12/2008	HCM City
Vinh City Sport Complex	3380	09/2008	4/2009	Nghe An
Package Workshop Of Hoa Phat Cement Factory	2360	5/2009	8/2009	

Name of project	Floor area (m ²)	Time		Location
		Begin	Finish	
Charge Stations Of Phu My	1000	5/2009	10/2009	HCM City
Management Buildings of Joint Venture Vietsov petro	700	7/2009	12/2009	
Lao Cai Conference Centre	1200	10/2009	2/2010	Lao Cai
Ba Om Culture, Tourism and Sport complex	1700	1/2009	1/2010	Tra Vinh
Cultural House of Kim Lien, Nam Dan	3400	4/2010	6/2010	Nghe An
Central Square of Dalat	5200	1/2010	8/2010	Da Lat
Lao Cai Sport Complex	6500	12/2009	7/2010	Lao Cai
Roof of Machining Department, Son La Hydroelectric Plant	8800	1/2010	10/2010	Son La
My Dinh Football Training Buildings	1400	4/2010	8/2010	Ha Noi
Vung Tau International Exhibition and Conference	6500	5/2010	10/2011	Vung Tau
Uong Bi Theatre House	3.800	7/2011	5/2012	Quang Ninh
Bac Son Stadium	1.155	11/2010	4/2011	Lang Son
Quynh Nhat sport complex	6.000	5/2011	5/2012	Lai Chau
Coal Storage of Mao Khe Thermo-electric Plant	14.000	11/2011	6/2012	Quang Ninh
Dong Lam cement storages	120.000	10/2013	11/2015	Hue
Indoor Coal Yard of Formosa Ha Tinh	76.000	3/2013	12/2015	Ha Tinh
Vinh Tan 4 Thermal Power Plant	14.000	4/2015	5/2016	Binh Thuan
Thai Binh 1 Thermal Power Plant	10.000	9/2015	8/2016	Thai Binh
Hoa Phat Steel JSC	32.000	11/2017	—	Quang Ngai

2. OVERSEAS

Name of project	Floor area (m ²)	Time		Location
		Begin	Finish	
Space Frame of the Circular Limestone Storage Housing, Fujairah Cement Factory UAE	9.000	6/2010	9/2010	UAE
Space Frame of the Circular Limestone Storage Housing OHORONGOFA	7.000	8/2010	10/2010	NAMIBIA
Space frame of Limestone Circular storage, Clay Circular storage, Limestone Circular storage hall 2, Additive Longitudinal storage, Corrective Longitudinal storage - Yamama Cement, Saudi Arabia.	51.581	7/2016	7/2017	Saudi Arabia
Space frame longitudinal storage in Brunei - one project of Thyssenkrupp	42.000	In process		Brunei

III. ALUMINIUM PROFILE (SINCE 2005)

In 2004, we established Aluminium extrusion factory with modern technology and large scale in Vietnam to produce aluminium profiles.

These products are often used in constructing high building (architecture purpose), household furniture and parts for machine or industries of ship building. . .

These products are extruded by the modern press equipment system imported from leading manufacturer in the World. After extrusion, the products will be treated surface by Anodizing and/or Electrostatic painting and/or E.D coating and/or film covering. The products reach to European standard with the economic and effectiveness.





Extrusion production line 1800 ton supplied by UBE - Japan



Extrusion production line 1350 ton supplied by Sunkyung - Korea

TYPICAL PROJECTS OF ALUMINIUM PROFILES

In recent years, our products of aluminium profiles have been supplied to domestic markets under the kinds of high quality finished doors, partition and aluminium structures for industry, traffic, electronics and national defense. Our aluminium profiles are highly appreciated by customers nationwide. Some high quality projects are equipped with our finished doors and partitions, including:

1. Ciputra Urban Area – South Thang Long, Hanoi.
2. Soldiers' living Apartment, Military Academy - Hanoi.
3. Hanoi Publish Department – Duong Thanh, Hoan Kiem, Hanoi.
4. Lotus Ha Long Hotel – Hoang Liet, Quang Ninh.
5. Hop Luc Hospital – Thanh Hoa.
6. My Dinh 1 Apartment Buildings (05 blocks) – Thanh Xuan, Hanoi.
7. Morth Thang Long Noi Bai Apartment and Villas – Me Linh, Vinh Phuc.
8. Sunshine Building – Tay Ho, Hanoi.
9. Sport Complex, Hanoi University of Technology - Hanoi.
10. Nam Trung Yen Apartment Hanoi (CT2, CT4, CT8, CT9, CT10, CT17, CT20) - Hanoi.
11. Vincom Village Sai Dong Urban Area - Hanoi.
12. LIDECO Urban Area - Hanoi.



Lotus Ha Long Hotel – Hoang Liet, Quang Ninh