

CKDA

CÔNG TY CỔ PHẦN CƠ KHÍ ĐÔNG ANH LICOGI
DONG ANH LICOGI MECHANICAL JOINT STOCK COMPANY

COMPANY PROFILE



www.ckda.vn

Company name	: DONG ANH LICOGI MECHANICAL JOINT STOCK COMPANY
Address	: Km12+800, National road no. 3, Group 6, Dong Anh townlet, Dong Anh Dist., Ha Noi, Viet Nam
Business registration cert.no.	: 0100106391
Foundation	: 1963
Tel	: +84.4.38833818
Fax	: +84.4.38832718
Website	: www.ckda.vn or www.cokhidonganh.com
Email	: info@ckda.vn
Manpower	: ~750
Capital	: 13.33 millions USD
Turnover	: ~51.61 millions USD - Grow rate: 5-15%/yearly
Total assets	: ~38.70 millions USD
Business activities	: Manufacture: Casting products Space frame and steel structure Aluminum extrusion profiles Finished aluminum extrusion products CKDA Windows Trade & Service Real estate: Investment & Industrial Park Development

CORE VALUES

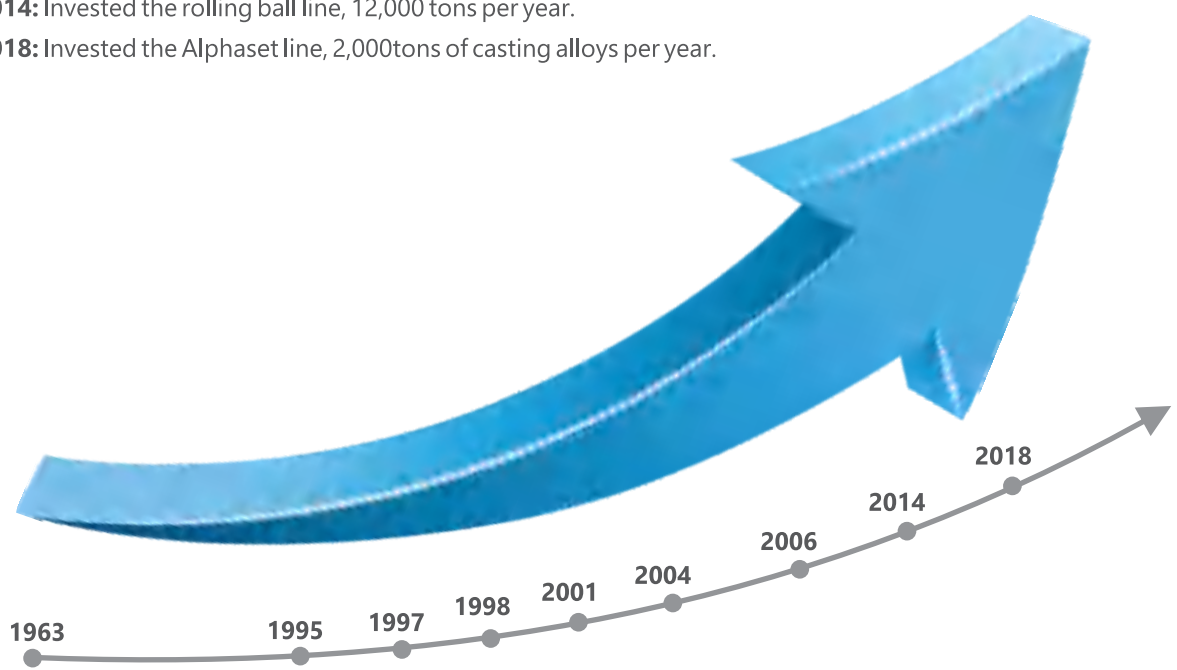
CKDA

CHẤT LƯỢNG - KINH TẾ - ĐÚNG HẠN - AN TÂM
QUALITY - ECONOMICAL - ON TIME - PERFECT SERVICE



CKDA logo by CKDA person

- 01.07.1963:** Established to be a small fixing factory of mechanical implements.
- 1995:** CKDA logo is registered trademark officially and is being maintained and developed up to now
- 1997:** Jointed venture with Sumitomo Corporation (Japan) to set up Thang Long Industrial Park at Hanoi (TLIP)
- 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:** Invested the complete line to produce alumnum extrusion profiles and established Dong Anh Aluminium factory.
- 2006:** Set up R&D center
- 2014:** Invested the rolling ball line, 12,000 tons per year.
- 2018:** Invested the Alphaset line, 2,000tons of casting alloys per year.



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DẤU MỐC LỊCH SỬ

2018

Invested the Alphaset line,
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Invested the rolling ball line,
12,000 tons per year



2006

Set up R&D center



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line Disamatic (Denmark) and
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with large amount



2001

Started the group of
space frame steel structure with
production line from Germany



2004

Invested the complete line
to produce aluminium
extrusion profiles
and established
Dong Anh Aluminium factory



I. PRODUCTION

Being the leading manufacturer and supplier of the following main product lines in Vietnam:

1. Casting alloys (since 1989)

Internal part of ball mill (balls, cyped, shell liner, partition, diaphragm. . .); internal parts of vertical mills & crusher (Roller tyre, table liner, hammer, anvils. . .); parts for kiln rotaries (cooler grate plate, flap damper, brick stopper,. . .) and many other casting parts serving for for cement, mining, coal-fired power and other industries.
Total domestic consumption is approximately 8,000 tons of products per year and exports over 3,000 tons per year.
The main export markets are Korea; Japan; America; Canada; Italy; England; Thailand, UAE, Australia,...

2. Space frame and steel structure (since 2001)

Serving for the construction requiring a large span such as the material shed/storage for cement factory, power plant; the roof systems for sports complexes, stadiums, markets, supermarkets, factories...
Our products are manufactured by the modern and complete equipment from Germany according to European standards.
We can as EPC contractor including designing, fabricating, packing and installing.
We currently account for about 75% of the total domestic market share and be present in UAE, Nambia, Arabia Saudi, Philippine,...

3. Aluminum extrusion (since 2005)

- Aluminum extrusion profiles for construction (DAA Itabelo, DAA Acarino, DAA Aluko): bars, doors, windows systems, curtain walls...
- Aluminum extrusion profiles for industries: conveyer frames, motor shells, heat sinks, lighting poles, medical equipments, brigdge rails,...
This product is made by modern technology line such as extrusion line of UBE Japan - the world's leading press manufacture, the anodizing line system, ED coating, sand blast, powder coating, wooden film covering – Decoral from Italy. DAA also own a CNC center to machine products that require high precision and and complexity. Besides, we has the capacity to design and manufacture molds for extrusion machine.
Currently, DAA products set the footpont in 53 provinces and cities nationwide through direct, indirect distribution channels and exported to USA, EU, Japan, Korea...

4. Finished aluminum extrusion products CKDA Windows (since 2005)

We emplement consulting, designing, producing and installing aluminum profiles suchs as doors, windows, glass curtain wall for hotels, resorts, apartments, buildings...
CKDA Windows are the piority choice of the leading construction corporations in Vietnam for high class projects such as Vingroup, Sungroup, FLC ...

II. TRADING

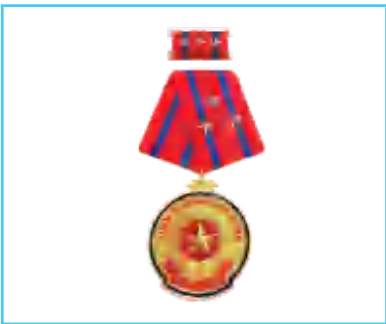
- 1. We specialize in supplying all kinds of equipments and materials for casting and aluminum industries such as kinds of ferrous and non-ferrous, aluminum billet, heat treatment furnace...
- 2. We are agent, sales representative of products and materials serving for cement, petroleum,...

III. REAL ESTATE (Investment and development industrial zones)

CKDA has joint venture with SUMITOMO Corporation (Japan) to set up Thang Long Industrial Park in Hanoi. This is one of the most successful industrial parks in Vietnam.

CKDA always prides itself on being the leading company in Vietnam in many fields: Manufacturing, trading, service and community.

- 1. The State awarded Labor Medal the third, second and first rank in 1984, 1992 and 1999.
- 2. The company received the title of Labor Hero in the renovation period in 2005
- 3. The State awarded Independence Medal the third, second rank in 2008, 2013
- 4. VIFOTEC awards in 1998, 2011, 2012, 2013 and 2015
- 5. Reliable exporter awards in 2010, 2011 by Ministry of Industry and Trade of Vietnam.
- 6. Gold Prize in 2013 by Korea Invention Promotion Association.
- 7. ISO Gold Prize in 2019, the key industrial products in Hanoi city 2019
- 8. Gold Prize, Gold cup at the exhibitions for CKDA Ginding media, Space frame, Alumnum estrusion profiles,...



The State awarded Labor Medal the first rank in 1999



The title of Labor Hero in the renovation period in 2005



The State awarded Independence Medal in 2013



Reliable exporter awards in 2010



Đơn vị dẫn đầu phong trào thi đua 2012 của Chính phủ



Gold Prize in 2013 by Korea Invention Promotion Association



Vifotec 1998, 2011, 2012, 2013, 2015



The key industrial products in Hanoi city 2019



Other Awards

CASTING ALLOYS

We manufacture grinding media (balls and cyped), grinder material, wearing and impacting resistant alloy, heat resistant alloy and various spare parts to serve for the cement industries, mining industries, coal-fired power plant, chemical fertilizer,... including:

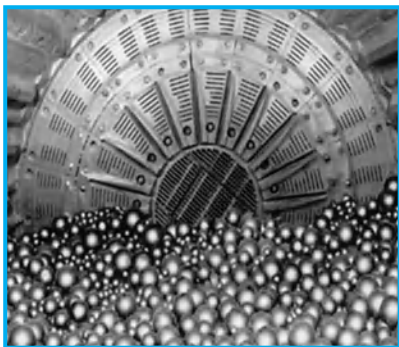
- 1. Crusing parts: hammer, hammer disc, anvils,...
- 2. Grinding media: balls and cyped by casting, forging and rolling
- 3. Internal part of ball mills: shell liner, partition, diaphragm...
- 4. Internal parts of Horomill: kinds of liner
- 5. Internal parts of vertical mills: Roller tyre, table liner,...
- 6. Parts for kiln rotaries: cooler grate plate, aneaux body, bracket, nose ring & tail ring segment, flap damper, brick stopper, Inner tube, chain,...
- 7. Other casting products: teeth for excavator, blade for bulldozer, manhole cover, coupling...



Hammer disc



Hammer



Grinding Media



Liner



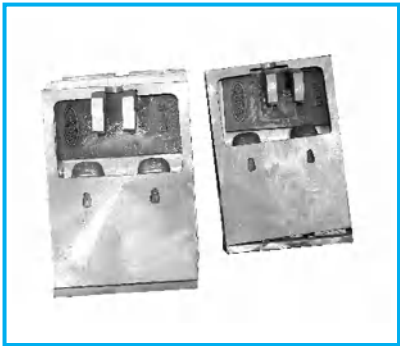
Diaphram



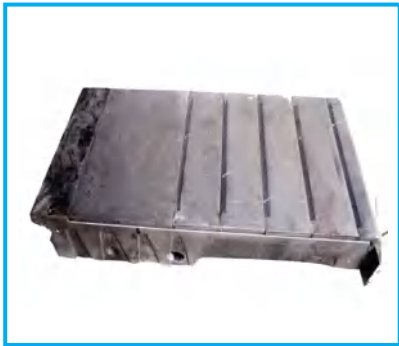
Roller tire



Cyclone



Cooler grate plate



Cooler grate plate

MAIN FACILITIES AND EQUIPMENTS

- Automatic foundry line of DISAMATIC (Denmark), 6,000tons per year.
- Making mould system (chemically bonded sand equipments)- α -set technology from Omega Sinto (UK), 2,000tons per year
- Rolling ball line, 12,000tons per year.
- Heat treatment system controlling is CNC, 30tons per day
- CNC center.



Rolling ball line



Alphaset moulding machine



Disamatic line



Tempering System



5-Axis machining center



Oil quenching

REFERENCE LIST OF FOUNDRY PRODUCTS

I - IN DOMESTIC

	NAME OF CUSTOMERS	ADDRESS
A	Cement	
1	Hoang Thach Cement Corp	Hai Duong
2	Ha Tien 1 Cement Corp	Ho Chi Minh
3	Hai Phong Cement Corp	Hai Phong
4	Chinfon Haiphong Cement J.V Corp.	Hai Phong
5	Bim Son Cement Corp	Thanh Hoa
6	Nghi Son Cement J.V. Corp	Thanh Hoa
7	But Son Cement Corp	Ha Nam
8	Hoang Mai Cement Corp	Nghe An
9	Luks Cement (Vietnam) Limited	Hue
10	Tam Diep Cement Company	Ninh Binh
11	Sai Gon Development Corp.	Ho Chi Minh
12	Tay Do Cement JSC	Can Tho
13	Hai Van Cement JSC	Da Nang
14	Thang Long Cement JSC	Quang Ninh
15	Quang Ninh Construction and Cement Company	Quang Ninh
16	Binh Duong Cement Company	Binh Duong
17	Cam Pha Cement JSC	Quang Ninh
18	Ha Long Cement JSC	Quang Ninh
19	IHI Company (DA Bim Son)	Thanh Hoa
20	Yen Bai Cement Company	Binh Duong
21	Lafarge Cement Company	Ho Chi Minh
22	Hoa Phat Cement JSC	Ha Nam
23	FICO Tay Ninh Cement JSC	Tay Ninh
24	Quang Son Cement JSC	Thai Nguyen
25	Yen Binh Cement JSC	Yen Bai

	NAME OF CUSTOMERS	ADDRESS
B	Coal-fired power plant	
1	Pha Lai Thermal Power Company	Quang Ninh
2	Ninh Binh Thermal Power Company	Ninh Binh
3	Vinh Tan Thermal Power Company	Binh Thuan
4	Duyen Hai Thermal Power Company	Tra Vinh
5	Vung Ang Thermal Power Company	Ha Tinh
6	Hai Phong Thermal Power Company	Hai Phong
7	Thai Binh Thermal Power Company	Thai Binh
C	Mining	
1	30-4 Gia Lai Company	Gia Lai
2	VIMICO	Ha Noi
3	Development Limited Company No. 1	Yen Bai
4	Minh Duc Mineral Company	Yen Bai
5	Tay Bac Mineral Company	Son La
6	Tuyen Quang Mineral Company - FOMICO	Tuyen Quang
7	Minh Phuc Co., Ltd.	Hai Duong
D	Others	
1	An Giang Construction Co.,	An Giang
2	Viglacera Ha Long 1	Quang Ninh
3	National Research Institute Of Mechanical Engineering	Ha Noi
4	Hiep Phu JSC	Long An

II - OVERSEAS

	NAME OF CUSTOMERS	ADDRESS
A	Cement	
1	Mahaphant Cement Public Co., Ltd	Thailand
2	Sinai Industry Co., Ltd.	Korea
3	Ssangyong Cement Industrial Co., Ltd	Korea
4	Tong Yang Cement Coporation	Korea
5	Hankok Cement Co., Ltd	Korea
6	Longwear	UK
7	Fonderie ouelet INC	Canada
8	Echigo Souji Co., Ltd	Japan
9	Shinshu trading Co., Ltd	UAE
10	Namkang Steel Co., Ltd.	Korea

	NAME OF CUSTOMERS	ADDRESS
B	Coal-fired power plant	
1	United Conveyor Supply Company	USA
C	Mining	
1	Bray control INC	USA
2	Valente Spa	Italy
3	Kotobuki Eng and MFG Co, Ltd	Japan
4	SIT S.P.A	Italy
5	Wegusta	Holand

We can as EPC contractor including designing, fabricating, packing and installing.

Our products including:

- Material shed/storage (circular and length shape) for Cement plant, coal-fired power plant, mining,...
- The roofing systems for sports complexes, stadiums, markets, supermarkets, factories...
- The roofing systems for tollgate stations, public constructions,...



Space Frame of the Circular Limestone Storage Housing OHORONGOFA, Namibia



Vinh Tan 4 Extension Thermal Power Plant



Cultural, Sport Complex of Dong Anh, Ha Noi



Phu Tho Sport Complex



Building T1 - Noi Bai International Airport



Structure of prefabricated steel buildings

MAIN FACILITIES AND EQUIPMENTS

Our products are manufactured by the modern and complete equipment from Germany according to European standards.

- Forging machine to produce joint ball, cone.
- CNC center for fabricating joint ball, cone, sleeve,
- Ball shot blasting machine
- Automatic welder, MIG/MAG
- Heat treatment system controlling is CNC



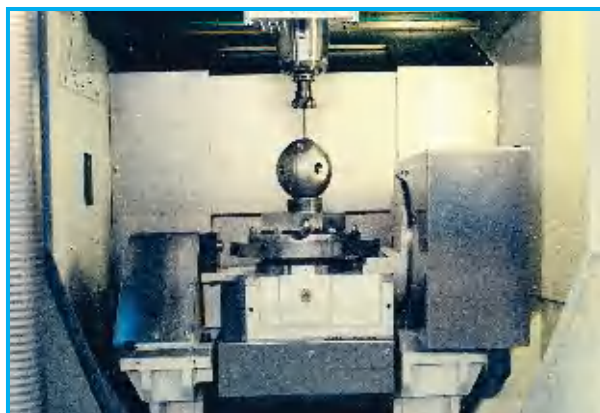
DMC 65V Machining Center for Fabricating Joint Ball



Mazak 5-Axis Machining Center for Fabricating Joint Ball



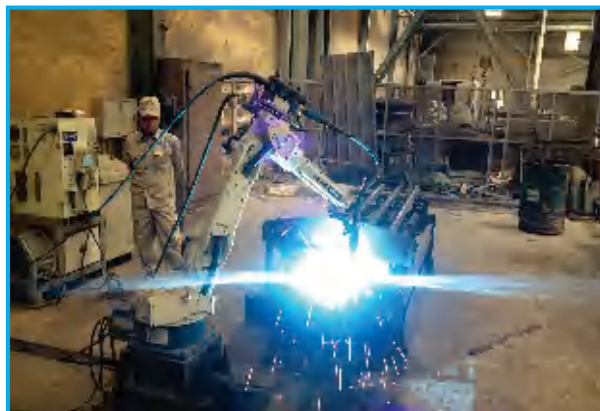
CNC equipment for fabricating cone and sleeve



CNC equipment for Fabricating Joint Ball



Ball Shot Blasting Machine



Fabrication CHS on automatic welding machine

TYPICAL SPACE FRAME PROJECTS

I - IN DOMESTIC

	NAME OF PROJECT	AREA m2	TIME		LOCATION
			Begin	Finish	
A	Cultrure, Sport, Civilworks				
1	Building T1 - Noi Bai International Airport	31.071	2000	2001	Ha Noi
2	Sport Complex of Ha Noi Architectural University	1.334	10/2001	11/2001	Ha Noi
3	Children Cultural Palace Dam Sen, Ho Chi Minh	2.200	12/2001	02/2002	Ho Chi Minh
4	Vung Tau Sport Complex	2.000	01/2002	03/2002	Vung Tau
5	Quan Ngua Sport Complex	8.686	02/2002	05/2002	Ha Noi
6	Can Tho Sport Complex	5.400	03/2002	09/2002	Can Tho
7	Sport Complex of Hai Phong Private University	2.340	04/2002	06/2002	Hai Phong
8	Vinh Phuc Sport Complex	4.460	04/2002	06/2002	Vinh Phuc
9	Ninh Binh Sport Complex	9.800	11/2002	04/2003	Ninh Binh
10	Ninh Binh Stadium	4.400	11/2002	07/2003	Ninh Binh
11	Sport Complex of Gia Lam District	3.400	03/2003	04/2003	Ha Noi
12	Sport Complex of Cam Pha	7.500	03/2003	05/2003	Quang Ninh
13	Phu Tho Sport Complex	8.800	03/2003	08/2003	Phu Tho
14	Cash & Carry Viet Nam Ltd	3.100	04/2003	06/2003	Ha Noi
15	Centre Control Air Traffic, Adjacent Prompt Area Notice in HCM City	1.300	04/2003	07/2003	Ho Chi Minh
16	Ba Vi Pool	1.520	05/2003	07/2003	Ha Noi
17	Sport Complex of Thua Thien Hue	6.100	08/2003	10/2003	Hue
18	Hai Phong Exhibition Fair Centre of Trade & Culture	13.000	11/2003	03/2004	Hai Phong
19	Entertainment Centre of Vinh Yen	3.200	12/2003	04/2004	Vinh Yen
20	Thua Thien Hue Pool	850	12/2003	04/2004	Hue
21	Area Passenger of Tan Son Nhat Airport International	4.801	04/2004	10/2004	Ho Chi Minh
22	Cash & Carry Metro of Can Tho	3.200	06/2004	09/2004	Can Tho
23	Sport Complex of Van Tuong	5.800	09/2004	03/2006	Quang Ngai
24	Sport Complex of Bac Ninh	5.600	12/2004	03/2005	Bac Ninh
25	Viet Tri Stadium	4.500	02/2005	04/2005	Viet Tri
26	Tay Ho Stadium	1.800	05/2005	11/2005	Ha Noi
27	Da Nang Opera House	16.000	12/2005	2006	Da Nang
28	Thua Thien Hue Stadium	2.459	07/2004	08/2004	Hue
29	Quang Tri Pool	1.100	06/2007	2007	Quang Tri
30	Sport Complex of Tay Nguyen	2.800	08/2007	11/2007	Tay Nguyen
31	Complex of Dien Bien	4.500	10/2007	02/2008	Dien Bien
32	Sport Complex of Hai Phong	6.300	11/2007	2008	Hai Phong
33	Sport complex of Ha Lam Coal Mine	2.600	11/2007	06/2008	Lao Cai
34	A2 Experimental Research Centre - HCM University of Agroforestry	2.400	06/2008	2008	Ho Chi Minh
35	Vinh City Sport Complex	3.380	09/2008	2008	Nghe An
36	Lao Cai Conference Centre	1.100	10/2009	01/2010	Lao Cai
37	Ba Om Culture, Tourisium and Sport complex	3.600	11/2009	01/2010	Tra Vinh

TYPICAL SPACE FRAME PROJECTS

	NAME OF PROJECT	AREA m2	TIME		LOCATION
			Begin	Finish	
38	Cultural House of Kim Lien, Nam Dan	2.000	02/2009	05/2009	Nghe An
39	Lao Cai Sport Complex	8.000	01/2010	08/2010	Lao Cai
40	My Dinh Football Training Buildings	1.600	02/2010	05/2010	Ha Noi
41	Vung Tau International Exhibition and Conference	7.800	05/2010	2011	Vung Tau
42	Uong Bi Opera House	3.800	01/2011	2011	Quang Ninh
43	Bac Son Stadidum	1.155	2010	11/2010	Lang Son
44	Quynh Nhai Sport Complex	6.000	03/2011	2014	Nghe An
45	Cultural House Bao Loc	4.000	12/2012	04/2013	Lam Dong
46	Central Square of Dalat	3.000	12/2012	12/2014	Da Lat
47	Ha Nam Sport Complex	22.500	07/2013	11/2014	Ha Nam
48	FVF Football Academy	12.500	6/2017	10/2017	Hung Yen
B Material shed/storage (cement, power plant, mining,...)					
1	Limestone storage of Song Gianh Cement Factory	12.567	06/2004	06/2005	Quang Ninh
2	Coal storage of Song Gianh Cement Factory	12.567	08/2004	08/2005	Quang Ninh
3	Hanaka Cable Workshop	8.147	04/2005	10/2005	Ninh Binh
4	Limestone storage Of Song Thao Cement	5.400	12/2005	2006	Phu Tho
5	Premix Storage Of Binh Phuoc Cement Factory	9.100	11/2007	2008	Binh Phuoc
6	Package Workshop Of Hoa Phat Cement Factory	2.360	05/2009	2009	Ha Nam
7	Management Buildings of Joint Venture Vietsovpetro	700	08/2009	11/2009	Vung Tau
8	Roof of Machining Department, Son La Hydroelectric Plant	8.800	10/2009	2011	Son La
9	Coal Shed of Mao Khe Cement	14.000	06/2011	12/2011	Quang Ninh
10	Material Shed of Dong Lam Cement	100.000	05/2012	11/2013	Hue
11	Indoor Coal Yard of Formosa Ha Tinh Steel	75.000	08/01/2014	30/10/2015	Ha Tinh
12	Vinh Tan 4 Thermal Power Plant	27.000	08/2015	02/2016	Binh Thuan
13	Thai Binh 1 Thermal Power Plant	42.000	03/2016	03/2017	Thai Binh
14	Hoa Phat Dung Quat Iron and Steel complex	420.000	11/2017	10/2019	Quang Ngai
15	Vinh Tan 4 Extension Thermal Power Plant	72.000	05/2019	11/2019	Binh Thuan
16	Vinh Tan 2 Thermal Power Plant	12.000	10/2019	03/2020	Binh Thuan
17	Indoor Coal Yard of Nghi Son 1 Thermal Power Plant	20.000	01/2020	05/2020	Thanh Hoa
C Others					
1	The roof of Phu My Tollgate				Ho Chi Minh
2	The roof of Hoang Mai Tollgate				Thanh Hoa
3	The roof of Phap Van Cau Gie Tollgate				Ninh Binh
4	The roof of Tao Xuyen Tollgate				Thanh Hoa

II - OVERSEAS

	NAME OF PROJECT	AREA m2	TIME		LOCATION
			Begin	Finish	
1	Space Frame of the Circular Limestone Storage Housing, Fujairah Cement Factory UAE	9.000	06/2010	09/2010	UAE
2	Space Frame of the Circular Limestone Storage Housing OHORONGOFA	7.000	08/2010	10/2010	NAMIBIA
3	Coal Shed of YAMAMA Cement Plant	140.000	06/2016	06/2017	Saudi Arabia
4	Material shed of Pangamix Cement plant	13.000	06/2019	11/2019	Philippines

ALUMINUM EXTRUSION PROFILES FOR CONSTRUCTION

(DAA Itabelo, DAA Acarino, DAA Aluko: bars, doors, windows systems, curtain walls...)



DA - 40 Serie



DA - 48 Serie



DA - XF Serie



DA - MA Serie



DA - AL Serie



Curtain walls Serie

ALUMINUM EXTRUSION PROFILES FOR INDUSTRIES



Conveyer frames



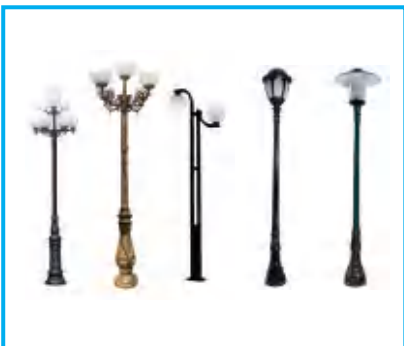
Operating tables



Motor shells



Heat sinks



Lighting poles



Solar panel frame



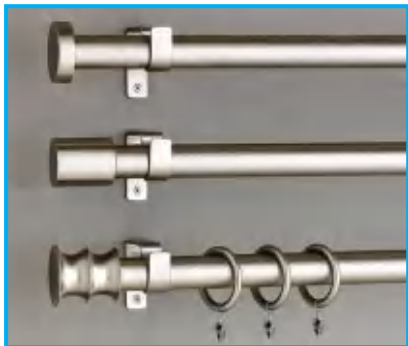
Medical equipments



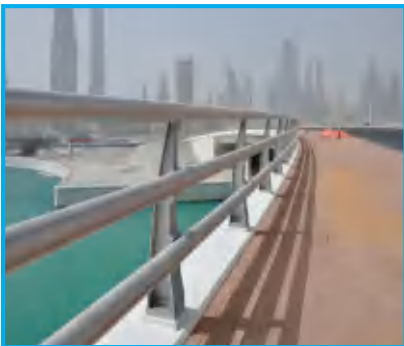
Partition panels for clean room



Partition panels



Curtain rods



Bridge rail



Ladders, mobile awnings

FINISHED ALUMINUM EXTRUSION PRODUCTS CKDA WINDOWS

We emplement consulting, designing, producing and installing aluminum profiles suchs as doors, windows, glass curtain wall for hotels, resorts, apartments, buildings...

CKDA Windows are the piority choice of the leading construction corporations in Vietnam for high class projects such as Vingroup, Sungroup, FLC ...



Royal City, Ha Noi - Vingroup



Vinpearl Luxury, Da Nang - Vingroup



Fansipan Cable car station - Sungroup



Greenbay, Ha Long - Bimgroup

MAIN FACILITIES AND EQUIPMENTS

This product is made by modern technology line such as:

- Extrusion line, 650T, 1350T, 1800T form Korea, UBE Japan - the world's leading press manufacture
- The anodizing line system
- The ED coating, sand blast, powder coating (up to 30years warantee),
- The wooden film covering line, Decoral from Italy.
- CNC center to machine products that require high precision and and complexity. We has the capacity to design and manufacture molds for extrusion machine.



7" Aluminium Extrusion line



5", 6" Aluminium Extrusion line



Powder coating line



Decoral Italia Film covering line



Anodizing line



Sandblasting machine

MAIN FACILITIES AND EQUIPMENTS

This product is made by modern technology line such as:

- Single head, head-end Sawing Machine
- Vacuum glass lifter 1ton, Italy
- Pull bending machine, cutting, bending, punching machine
- The automatic aluminium section cutting machine, Fomindustrie, Turkey.
- CNC center



Automatic aluminium section cutting machine



Single-head sawing machine



Corner assembly machine



Multi-head drilling machine



Horizontal bending machine



Pull Bending Machine

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:

I - IN DOMESTIC

	NAME OF PROJECT	CONTRACTOR	LOCATION
1	The Penthouse of Hung Thang apartment block	Ha Long Consulting and Developing Joint Stock Company	Quang Ninh
2	Little Viet Nam Plaza	Hung Thang Construction Joint Stock Company	Quang Ninh
3	The N02-T1 Building – The Ha Noi Diplomatic Complex	An Binh Investment Cooperation Joint Stock Company	Ha Noi
4	HANOVID Plaza	Viet Nam Construction Joint Stock Company No2	Ha Noi
5	Vinhomes Times - City Park Hill (Park 12)	Vinhomes Joint Stock Company	Ha Noi
6	Casino Phu Quoc	Phu Quoc Tourism Development and Investment Joint Stock Company	Phu Quoc
7	Vincom Tuyen Quang	Vingroup Joint Stock Company	Tuyen Quang
8	Vinhomes Marina Hai Phong	Vingroup Joint Stock Company	Hai Phong
9	Vinhomes Imperia Hai Phong	Vingroup Joint Stock Company	Hai Phong
10	Vinpearl Condotel (Le Thanh Ton)	Vinpearl Joint Stock Company	Nha Trang
11	Quang Ninh Airport	Olympia Industrial Construction Limited Liability Company	Quang Ninh
12	Vinhomes Star City	Vingroup Joint Stock Company	Thanh Hoa
13	Vinhomes West Point	Metropolis Ha Noi Limited Liability Company	Ha Noi
14	Vinhomes Grand Park	Green City Development Joint Stock Company	Ho Chi Minh City
15	Vinhomes Smart City- Tay Mo, Dai Mo	Thai Son Investment Construction Corporation	Ha Noi
16	Vinhomes Symphony	Vinhomes Joint Stock Company	Ha Noi
17	Vinhomes Ocean Park	Gia Lam Urban Development and Investment Limited Liability Company	Ha Noi
18	Vinhomes Central Park Tan Cang	Tan Lien Phat Construction Investment Corporation	Ho Chi Minh City
19	Vinpearl Phu Quoc	Phu Quoc Tourism Development and Investment Joint Stock Company	Phu Quoc

II - OVERSEAS

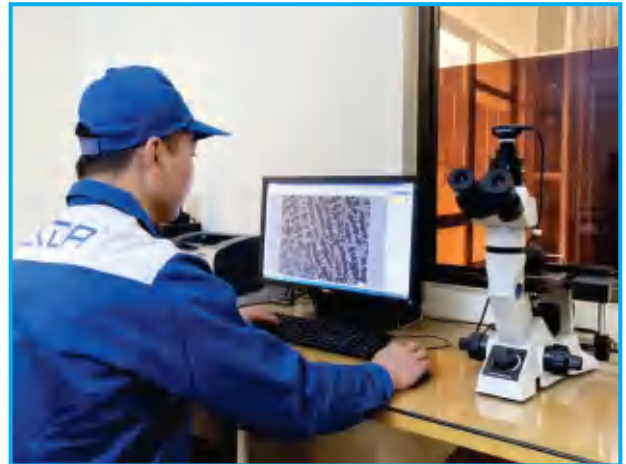
1	Crowne Plaza	Vientiane Development and Investment Limited Liability Company	Vientiane, Laos
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QC EQUIPMENTS

- Spectrometer analysis equipment ARL 3460 – Thermo
- Hardness tester (HB, HV, HRC)
- Mechanical testing equipment (elongation, tensile strength, impact strength,...)
- Metal microscope LAITZLABORLUX 12MES
- Digital ultrasonic flaw detector EPOCHII B
- Coating thickness gauge
- Discoloration tester Q-Sun



Tensile test machine for connection between ball node and bolt



Microscope for Material Inspection



Hardness tester (HB, HV, HRC)



Tensile test machine for CHS



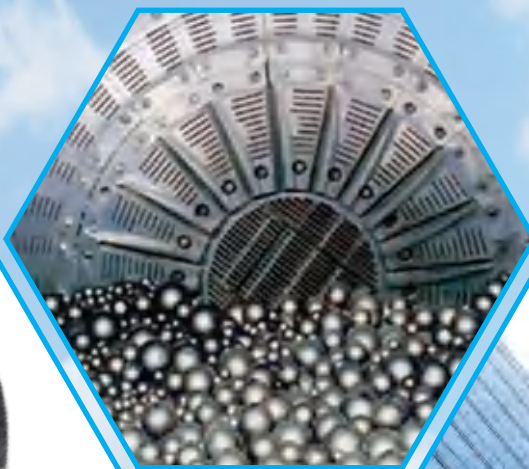
Spectrometer ARL 2460



CKDA

CHẤT LƯỢNG - KINH TẾ - ĐÚNG HẠN - AN TÂM
QUALITY - ECONOMICAL - ON TIME - PERFECT SERVICE

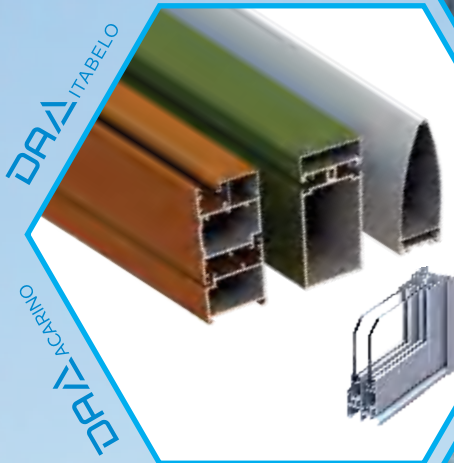
CKDA CASTING



CKDA WINDOWS



CKDA ALUMINIUM



CKDA ALUKO



CKDA SPACE FRAME

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