



TKD SINGAPORE GROUP PTE.LTD



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CONCRETE BATCHING PLANT

OUR VALUE CUSTOMER'S

STEEL



PLASTIC



RUBBER



FOOD



SEMI CONDUCTOR



BEVERAGE



AUTO-INTERIOR



FURNITURE



About us

TKD-CIE has long been an associated company which is not only specialized in domestic in Vietnam but also overseas markets with the object to bring the most advanced Concrete Batching Plant to the world.

TKD Group was established more than 20 years ago. We are providing radical innovation solution for factories machinery, production line in which we do examining, re-designing, and making hydraulic and PLC systems for various customer such as Posco Steel, Nippon Steel, Yokohama Tyre, Birdgestone, Linil Inax...in Vietnam

CIE Corp specializes in designing and manufacturing mechatronics systems based on technology transferred from IMI Holding Ministry of Industry and Trade of Vietnam.

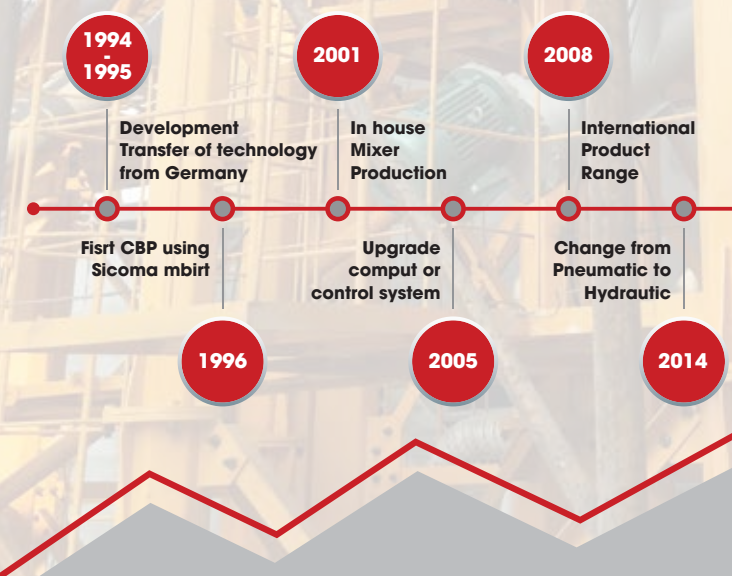
After 15 years of development, we are now acquiring 80% of domestic market share and exporting machines to foreign markets such as Germany, Japan and other ASEAN countries.

We guarantee to provide optimized solutions that equipvalent to imported products from G7 countries for a 50% prise less, while satisfying any client's requirement.

Our main activities are:

Supply overall and detail solutions for industrial projects.

Design and manufacture construction machines, industrial dosing system.



FACTORY EQUIPMENT - PRODUCTION CAPACITY

No.	Equipment	Model	Unit	Quantity	Note
Office Equipment					
1	Personal Computer		set	36	
2	Laptop	HP , sony	set	10	
3	Printer	Canon	set	15	
4	Photocopier	Ricoh	set	1	
5	Air Condition	Hitech	set	20	
6	Telephone	Panasonic	set	12	
7	Fax	Canon	set	2	
Equipment in Workshop					
I	Metal cutting machine				
1	Lathe T630	Russia	Unit	1	
2	Lathe 1K62	Russia	Unit	1	
3	Lathe 1M95	Russia	Unit	1	
4	Lathe M30	Russia	Unit	1	
5	Lathe TUM_35E	Russia	Unit	1	
6	Lathe 16M16	Russia	Unit	2	
7	Horizontal milling machine 676P	Russia	Unit	1	
8	Horizontal milling machine FNGJ32	Russia	Unit	1	
9	Horizontal milling machine MH_3V	Russia	Unit	1	
10	Horizontal milling machine 675P	Russia	Unit	1	
11	Drilling machine K325	Russia	Unit	4	
12	Drilling machine WOJ - 3200	Russia	Unit	1	
13	Round sander machine 3B12	Russia	Unit	1	
14	Flat sander machine 35722	Russia	Unit	1	
15	Flat sander machine 35722 M24-3B722	Russia	Unit	1	
16	Planer machine B605	Russia	Unit	1	
17	Bending press OKC 1671M	Russia	Unit	1	
18	Slotting machine stand 7A420	Russia	Unit	1	
19	Horizontal boring machine WFB_86	Russia	Unit	1	
20	Hydraulic cutting machine QC11Y-8*6000	Russia	Unit	1	
21	Saw machine ARG 220 plus	Japan	Unit	1	
22	Pipe threading machine	Russia	Unit	1	
23	Alluminium cutting machine	Russia	Unit	1	
24	Threading machine	Japan	Unit	1	
25	CNC	Japan	Unit	5	
II	Welding equipment				
1	Welding machine Mix TA500		Unit	6	
2	Welding machine SAP		Unit	2	
3	Welding machine Bluthunder 340	Germany	Unit	6	
4	Welding machine Maximing		Unit	1	
5	Welding machine EMC 400	Russia	Unit	19	
6	Welding machine Mix TTE - 503		Unit	3	
7	Welding machine arc 230A		Unit	1	

8	Welding machine OK 350		Unit	15	
9	Welding machine ELENCO	Germany	Unit	3	
10	Welding machine 220		Unit	1	
11	Welding machine electric LKB		Unit	1	
III	Cleaning and painting machine				
1	Air compressor VA80	Taiwan	Unit	4	
2	Screw compressors	Taiwan	Unit	1	
3	Blasting machine	Taiwan	Set	1	
IV	Grinder				
1	Handle grinder		Unit	30	
2	Stone grinder machine		Unit	2	
V	Machine embryogenesis				
1	Mowers turtle		Unit	5	
2	Steam torch		Unit	20	
3	Plasma cutting LG - 100/40		Unit	2	
4	Plasma cutting NC		Unit	1	
5	Hydraulic cutting machine	Taiwan	Unit	1	L=6000,tmax=8
6	Hydraulic hole puching	Korea	Unit	4	tmax=24
7	Nibblers crankshaft	Russia	Unit	1	tmax=10
8	Press brake	Taiwan	Unit	1	L=6000,tmax=12
9	Hydraulic bending	Russia	Unit	1	L=6000,tmax=8
VI	Lifting equipment				
1	Crane 10 ton		Unit	3	
2	Crane 5 ton		Unit	1	
3	5 ton truck crane wheel		Unit	1	

No.		Quantity	Note
Employees who work at office			
1	Directors	4	
2	Technical department	15	
3	Electric control department	9	
4	Production management	5	
5	Finance and accounting department	5	
6	Procurement	8	
7	Administrative department	5	
8	Quality control department	8	
	Total	59	
Engineers and workers			
1	Production leader of each lot	16	
2	Welder 7/7	11	
3	Welder 6/7	20	
4	Welder 5/7	35	
5	Welder 4/7	61	
6	Welder 3/7	72	
7	Welder with international degree 2G-3G	25	

8	Cool mechanic	8	
9	Electrician	12	
10	CNC engineers	30	
11	Maintenance engineers	4	
	Total	294	
Employees who work at factory			
1	Cooker	4	
2	Stock	2	
3	Security	5	
4	Cleaning	3	
5	Crane and truck diver	3	
	Total	17	

Total area of factory : includes 6 workshops

1. Workshop for fabrication
and sheet metal processing: 24 x 44 = wxl = 1056 m2
2. Structural mechanics workshop: wxl = (24 x 54) = 1296 m2
3. Workshop for mechanical: 18 x 54 = wxl = 972 m2
4. Workshop for fabrication: wxl = 24 x 28 = 672 m2
5. Factory new product: 24 x 28 = wxl = 672 m2
6. Factory Wiring Control: wxl = 24 x 6 = 144 m2

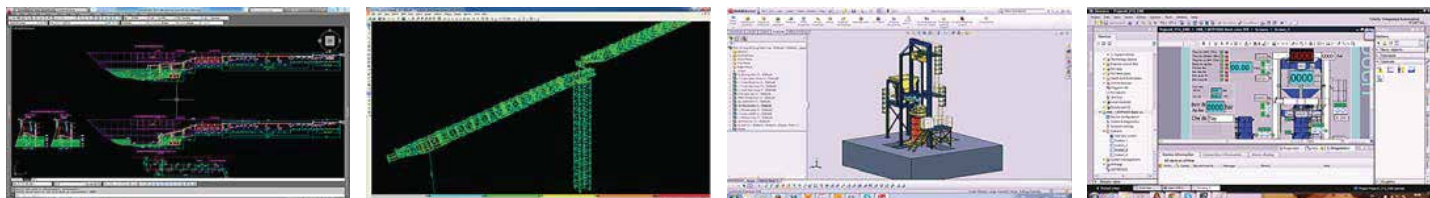
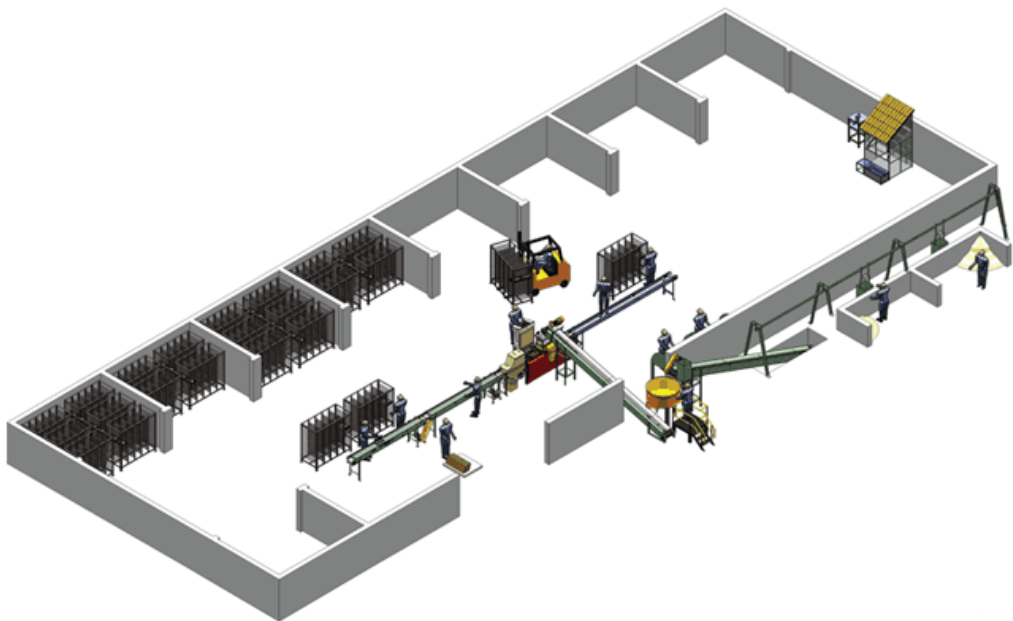
Solution for specialized concrete for hydropower plant

We supply solutions to national hydropower projects in Son La province, Ban Chat project, Dong Nai province, Trung Son project and more.



Solution for production line of construction materials

Supply solutions to factories of Construction Materials: fiber-reinforced concrete profiles, block brick and more.



Certificate of Registration



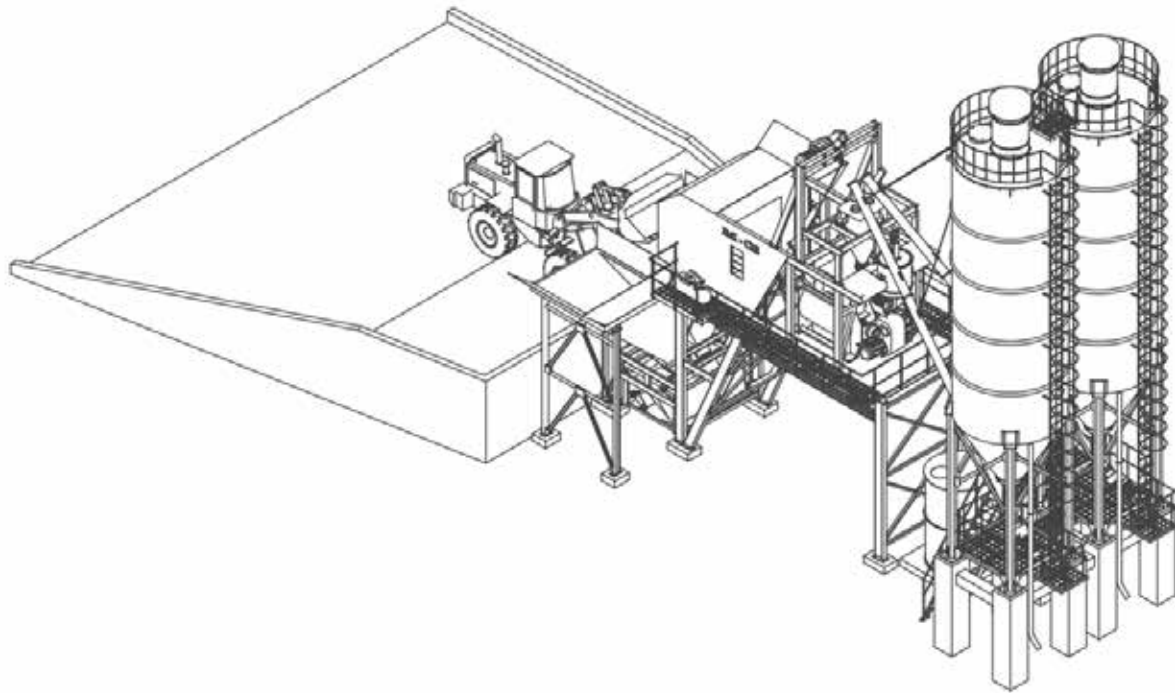
This is to certify that the Quality Management System of
CONSTRUCTION AND INDUSTRY EQUIPMENT JOINT STOCK COMPANY - CIE1
Lot 22-23, Quang Minh Industrial Park, Quang Minh Town, Me Linh District, Hanoi, Vietnam
applicable to
**Manufacture of transformer cases;
Manufacture and installation of mechanical and electrical equipment for construction material and industry field.**
has been assessed and registered by NQA against the provisions of
BS EN ISO 9001 : 2008
This registration is subject to the company maintaining a quality management system, to the above standard, which will be monitored by NQA.



The use of the UKAS Accreditation Mark indicates conformance in respect of those activities covered by the accreditation certificate number 015 held by NQA. NQA is a trading division of Asertiv Group Ltd. Registration No. 02213167. Registered Office: Warwick House, Houghton Hall Park, Houghton Regis, Dunstable, Bedfordshire, LU5 5ZX. This certificate is the property of NQA and must be returned on request.

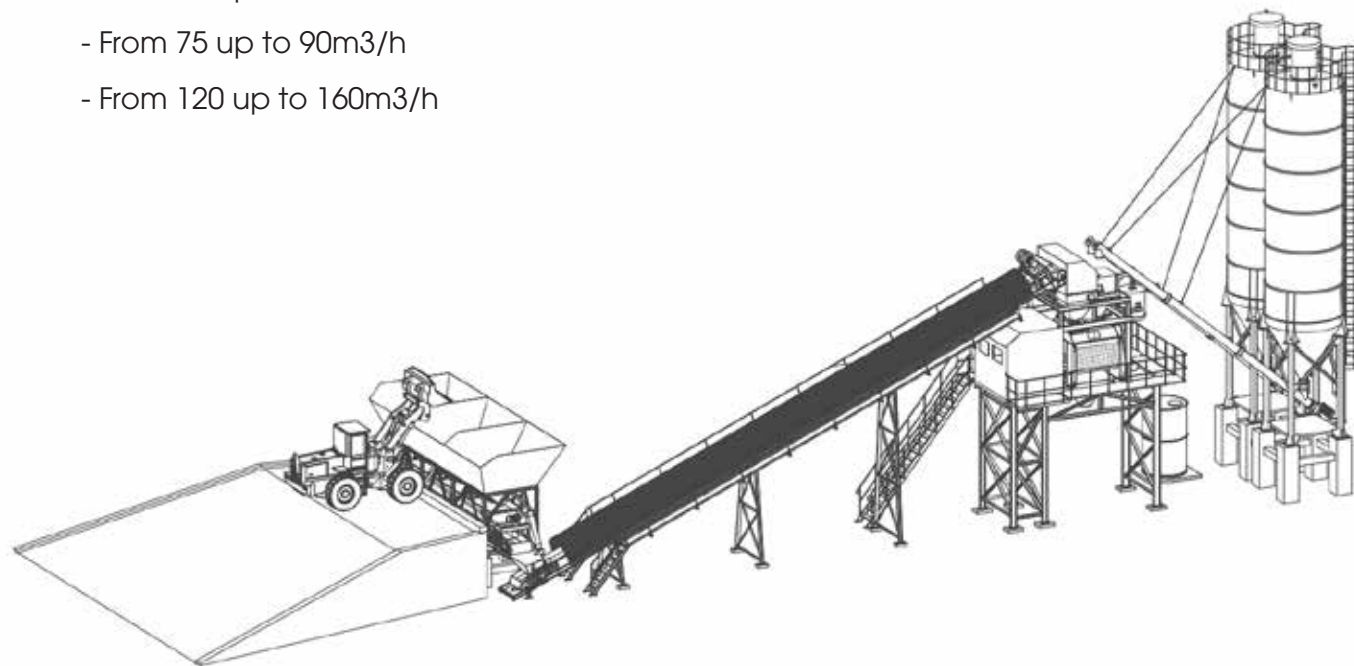
**TKD - CIE R&D product, licensed and all rights reserved
manufactured under TCCS 2012/ TKD - CIE standards**

- **Multiple Models and capacities, suitable to all construction projects**

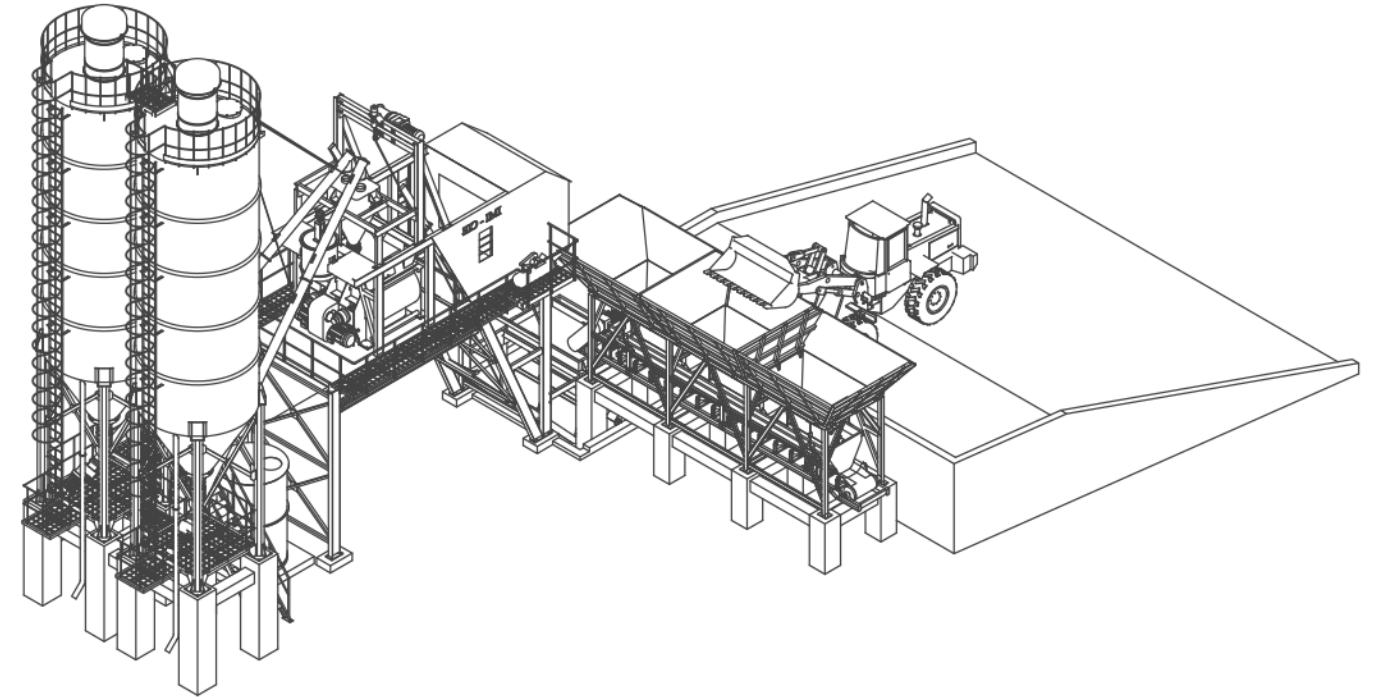


- **Wide capacity range**

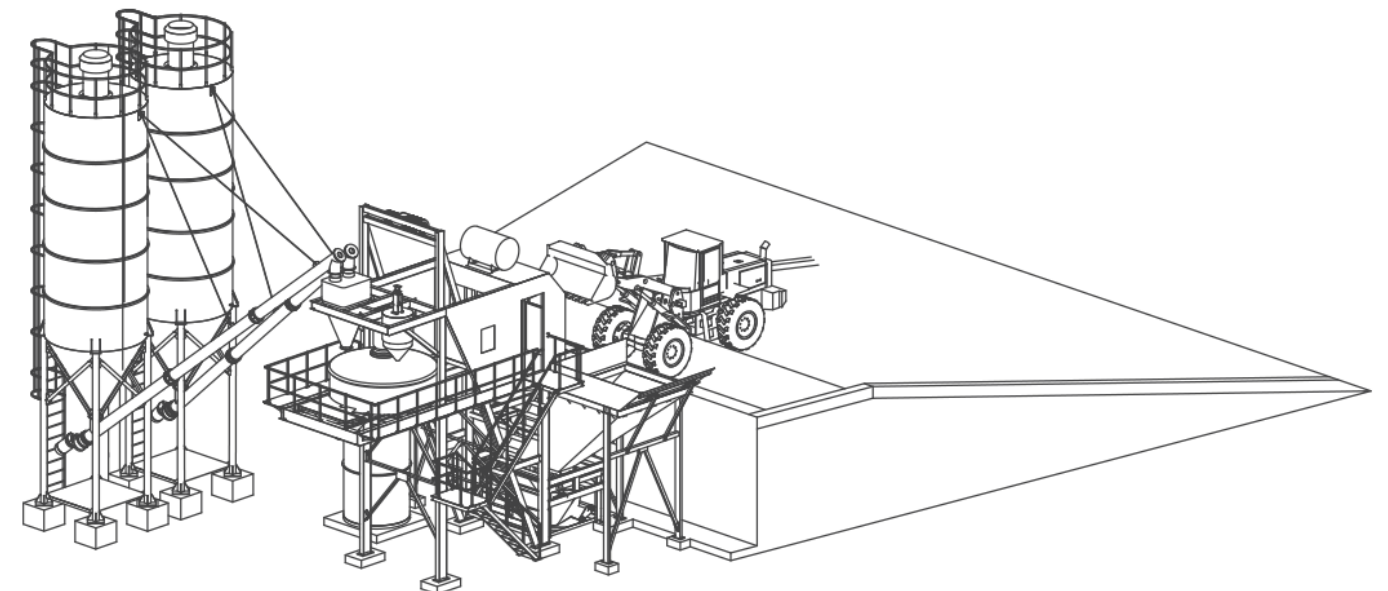
- From 45 up to 60 m³/h
- From 75 up to 90m³/h
- From 120 up to 160m³/h



- **Max aggregate size upto 150mm, number of aggregate compartments from 3 upto 7**



- **Modular design, suitable to transport, assembly, operate and maintenance**





Colling concrete batching plant

- Mixer: Twin - shaft
- Output concrete temperature: 180C
- Used cold water to mixing concrete, cooling aggregate or connecting ice water based on concrete temperature requirement
- Max aggregate size: 150mm
- Number of max aggregate compartments: 7
- Capacity range up to 180 m3/h



Roller compacted concrete batching plant

- Mixer: Twin - shaft
- Max aggregate size: 150mm
- Number of aggregate compartments: 7
- Capacity range up to 180 m3/h



Production line of concrete pipe

- Diameter of concrete pipe: (D300-D1200) mm
- Heigh of pipe: 2500 mm
- Capacity: (4-6) min/product
- Used for the reinforcement of concrete pipe under the TCXDVN 9113:2012 standard water supply, drainage and agricultural irrigation drain.



Professional, Enthusiastic, Dedicated and Fast Service



Trailer pump

- Maximum height capacity: 120m
- Maximum length capacity: 500m
- Maximum grain size: 35mm
- Subsidence > 8cm
- Assembled & Manufactured based on import equipment from Germany
- Capacity range: 60, 90, 120 m³/h



Technical specification

- Drain and provide dry mortar
- Mix and provide wet mortar
- Self-cleaning after operation
- Application: constructing, walling and filling in civil constructions.



Belt conveyor transport systems

- Width of conveyor: up to B1400
- Largest span: 40m
- Velocity: 2.5 m/s
- Max capacity: 1000 m³/h
- Application: transport granular material for factories, mines, construction of irrigation, hydropower



Asphalt batching plant

- The main equipment: dosing system, control system and loadcell are imported from G7 countries.
- The filter using inertial dust or cloth bags to ensure environmentally friendly.
- Flexibility in the control modes: semi-automatic and automatic.
- Capacity range: up to 120 m³/h

Electronic truck, Railway Scale

- Accuracy balance: level III - TCVN equivalent Class III - OIML
- Overload capability: 125%
- Balance floating or sinking to suit the customer's premises, the equalizer structure are made from modular steel and concrete structures for easy transportation, installation and repair.
- Capacity range: from 30 to 150 tons



Multi-component dosing system

- Tolerance: +0.5% to +0.1%
- Use German load cell
- Application: the factory produce Block brick, air-brick, feedstall and other bulk materials
- Capacity range: match the connected devices systems with visual or packaging



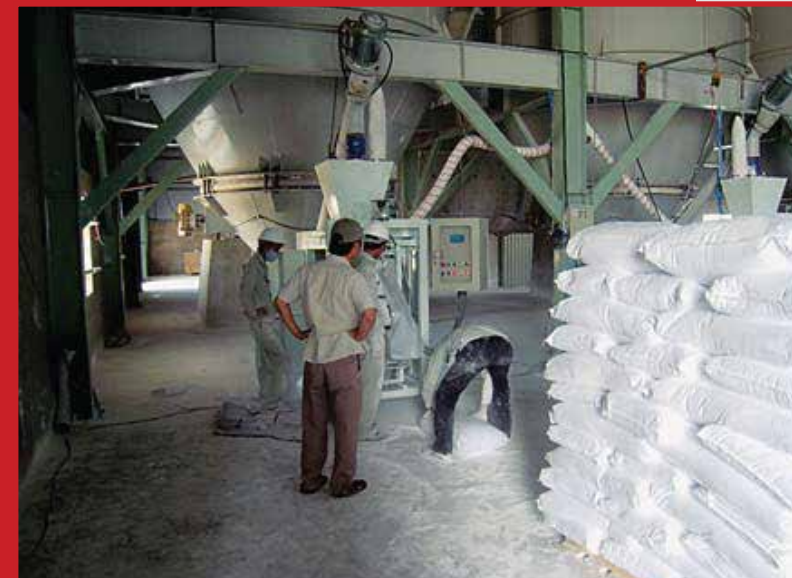
Belt conveyor Scale

- Tolerance: +0.25% to +0.5%
- Use load cell of Germany
Maximum aggregate size: 60mm
- Length: 1.500 - 12.000 mm
- Use in grant or release cement, coal, clinker, fly ash and other bulk materials
- Capacity: (30 - 350) tons/h



Bagging Scale

- Net weight range: (20 - 50) kg
- Tolerance: (0.5 - 1)% of net weight
- Application: bagging scale of agriculture product, construction material, agricultural material, chemical
- Capacity range: (10 - 20) tons/h



Power transformer tank

- Manufacturing, based on customized order
- Main customers: ABB Vietnam
- CIE1 (a subsidiary company) was awarded "The best improved supplier of ABB in 2010 - 2012"



Sewage and Water filter

- Manufacturing, providing according to order
- Main customers: AKAMATSU, Suido Kito Kaisha - Japan



Distribution transformer tank

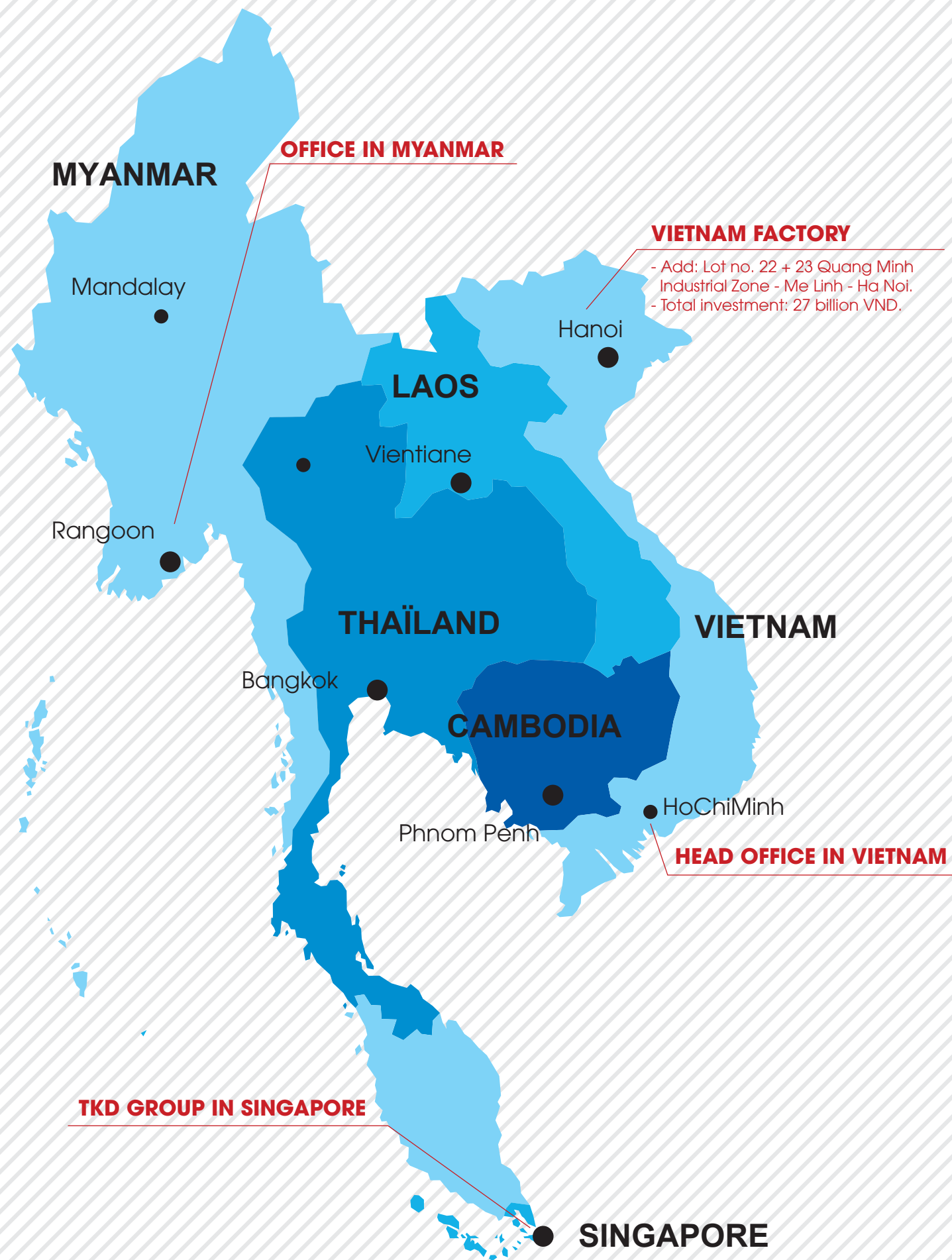
- Manufacturing, providing according to order
- Main customer: ABB Vietnam



Dust filter

- Manufacturing, providing according to order
- Main customers: TAIHEI - Japan





TKD GROUP: SINGAPORE-VIETNAM-CAMBODIA-MYANMAR

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1 ROOFING ROLL FORMING MACHINES / အမိုးပြားမူမ်းပံ ပုံသွင်းခြင်းစက်များ



2 CONCRETE BATCHING PLANT: FROM 45 UP TO 160 M3/H FOR ALL KIND OF PROJECTS

ကွန်ကရစ် ဖျော်စက် (စီမံကိန်းအားလုံးအတွက် တစ်နာရီလျှင် ထုထည် ၄၅မှ ၁၆၀ အထိ အသုံးပြုနိုင်ပါသည်။)



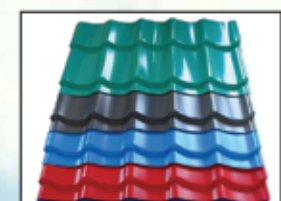
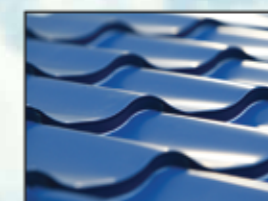
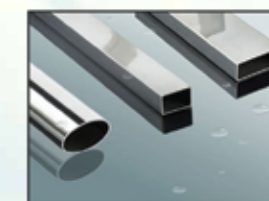
3 BRICK / NON FIRED BRICK MAKING MACHINES / REBAR BENDER & CUTTER

အုတ်၊ မီးလွတ်အုတ် ထုတ်လုပ်စက်များ / သံချောင်း ဖြောင့်ခြင်း၊ ကွေးခြင်း နှင့် ဖြတ်ခြင်းစက် (စက်တစ်ခုတည်းဖြင့် သုံးမျိုး အသုံးပြုနိုင်ပါသည်။)



4 SUPPLY: GI / PPGI COIL / STEEL PIPE & CONSTRUCTION MATERIALS

သွပ်၊ ကာလာသွပ်လိပ်၊ စတီးပိုက် နှင့် ဆောက်လုပ်ရေးလုပ်ငန်းသုံးပစ္စည်းများထောက်ပံ့ပေးသည်။



PLEASE VISIT **A2ZAY** FOR MORE INFO AT: www.a2zay.com

