



# PT. CAHAYA SUMBER LANCAR

GENERAL CONTRACTOR & METAL FABRICATION



We specialized in turnkey project execution, handling the complete erection, installation and commissioning of machinery, mechanical transport, process equipment, steel structure and silos - followed by precision metal fabrication for custom solutions. Our end-to-end services include highly skilled in the installation of gravity spouting, pneumatic and aspiration systems. Our services include deliver full MV/LV electrical installation from grid incoming supply and MCC integration to process devices and electric motors, ensuring fully operational system under one trust contractor

# BACKGROUND



Eltoni Tanwiwin has dedicated his life to doing what he loves most: metal fabrication and steel construction. For 30 years, he worked for a world-renowned Indonesian construction company, contributing to major projects such as Salim Group's Indocement cement factories and Indofood's Bogasari flour mills, as well as other cement and flour mill facilities across Europe, Saudi Arabia, and China.

Born and raised on Bangka Island—the world's largest tin exporter—Eltoni grew up like many local boys, learning welding and basic metalwork from a young age. He later became known in the cement and flour milling industry as a "Bangka Fitter", a term for experts who can fit a circular hopper into a square bin, often at complex angles requiring high precision and craftsmanship.

Upon retiring in 2000, Eltoni, his Son Sutanto Tanwiwin, a Master of Mechanical Engineering and Stevie Irawan—an electrical engineer with power grid utility experience as dispatcher at PLN's Java-Bali Interconnection Control Center, they founded PT. Cahaya Sumber Lancar.

The company's first turnkey project was a 120 TPD Buhler flour mill for PT Murti Jaya Abadi, which was completed on time and within budget. The success of this initial project laid the foundation for CSL's continued growth and strong reputation in the industry

# Expertise

Our expertise is in the design, fabrication, erection and installation of steel structures, process equipment & machinery and pneumatic & mechanical conveying systems.



Gravity Spouts & Branch



Metal Fabrication



Warehouse



Flour Silo Turnkey Project



Conveying System



Steel Silo



Flour Mills Erection Turnkey Project

# Value Offered

Managing and execution turnkey project efficiently has become the value offered to our customer. Surrounded by environment and colleague who has knowledge and skill in cement industry and flour mills for almost entire life, our experience and expertise allow us to offer your company:

- Erection and installation of flour milling turnkey project from worldwide flour milling manufacturer i.e. Buhler, Ocrim and others, including fabrication of gravity spouting pipe, screw conveyor, chain conveyor and bucket elevator
- Designing, fabricating and installing material handling equipment from truck unloading process to storage in silos. We offer also partially capacity upgrade of existing transport facility.
- A fully automated material handling system in turnkey will allow us sharing our knowledge and experience in managing the project, thereby allowing your company to benefit on time completion and operate very efficiently.

We also offer design and fabricating custom hopper scale for for special need i.e. limited space, refurbishment and capacity upgrading.

## Business Process & Value Chain



Project Brief

Site Inspection

Regulatory Compliance

Detailed Design & Engineering

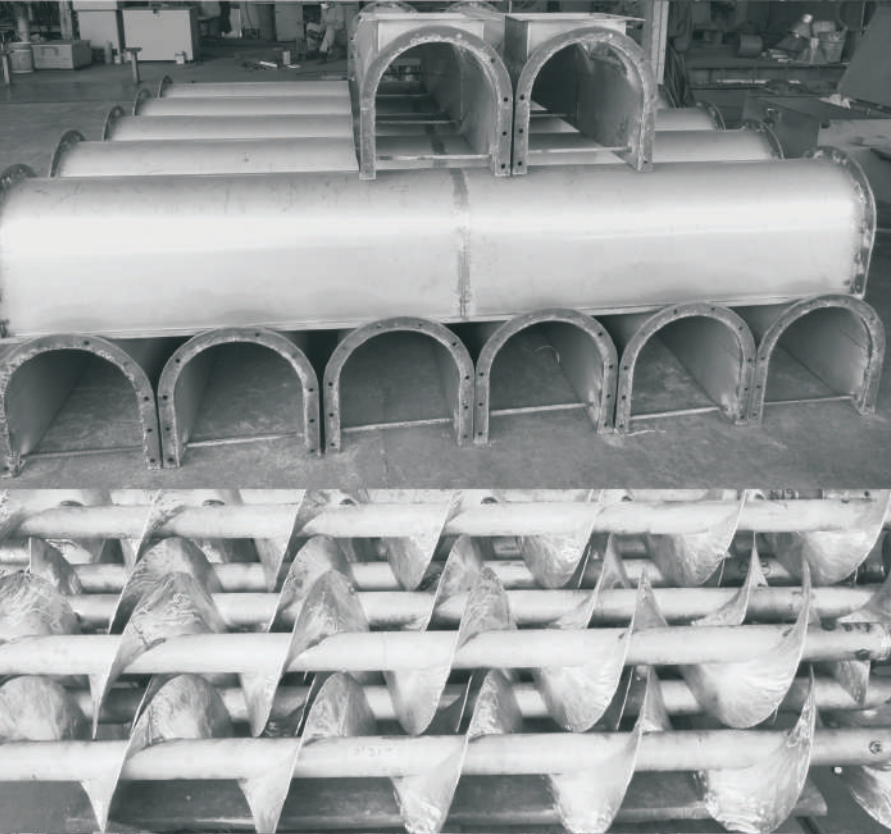
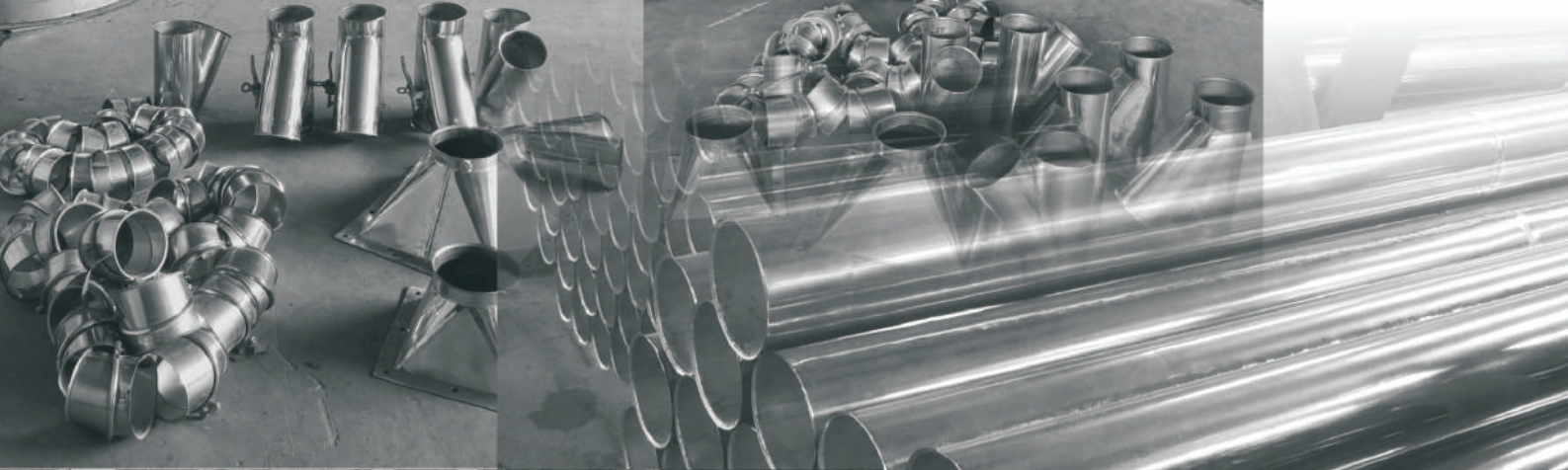
Costing & Scheduling

Manpower Management

Material Procurement

Testing & Commissioning

Maintenance & Spare Parts Management





# PT. CAHAYA SUMBER LANCAR

*A long term partnership commitment*



## **Material Handling and Storage Process**

A silo storage system typically consists of 3 components: Feeding System going from the delivery truck to the silo, Weighing System and Discharge System discharging raw material for production input. This whole process can be fully automated. The above picture shows a pressure differential truck delivering bulk materials to the plant. Utilizing a pressure blower, the ingredients are transported from the truck to silos for storage until their usage is required. The ingredients can then be transported via a pressure system and delivered to the mixers in the proper amounts using a closed loop system with scale hoppers.

**PT. Omieku Noodle Pasuruan**



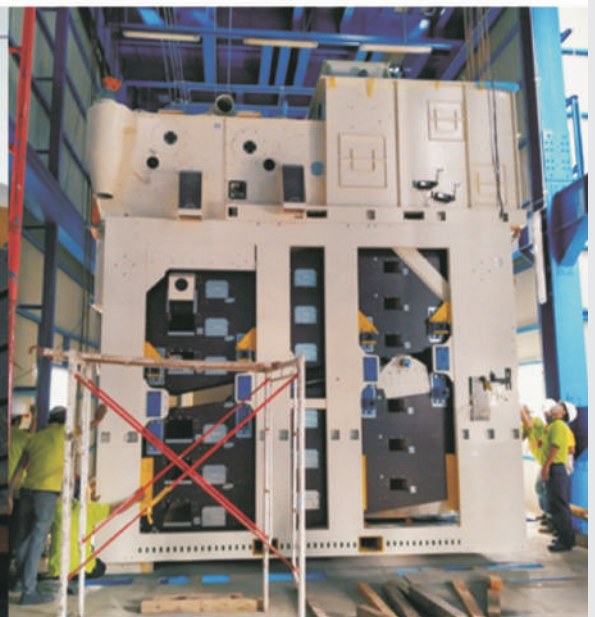
**PT. Suprama Tbk. Semarang**



**PT. Asahan Food Surabaya**



PT Indofood - Bogasari Flour Mills - Jakarta



PT Nutrindo Bogarasa



PT Cerestar Flour Mills



PT Indofood - Bogasari Flour Mills - Surabaya



PT Indofood - Bogasari Flour Mills - Surabaya



PT Manggala Agro Makmur





**PT. CAHAYA SUMBER LANCAR**

*A long term partnership commitment & A partner you can trust*

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