

# Glass Mills



Allbest Creative Development Ltd. (ALLBEST)

# Flat Glass Plant

- Float glass production line
- Sheet glass production line (colburn/horizontal drawing and vertical drawing)
- Figured glass production line
- Others



# Integrated Float Glass Plant (150-1000 T/D)



# Float Glass Production Line (1)

## Batching Section

Batch plant prepare qualified mixed materials for float glass production. It can consists of conveying system, weighing system and mixing system. It is possible to add a crushing section.



## Float Glass Production Line (2)



### Melting Section

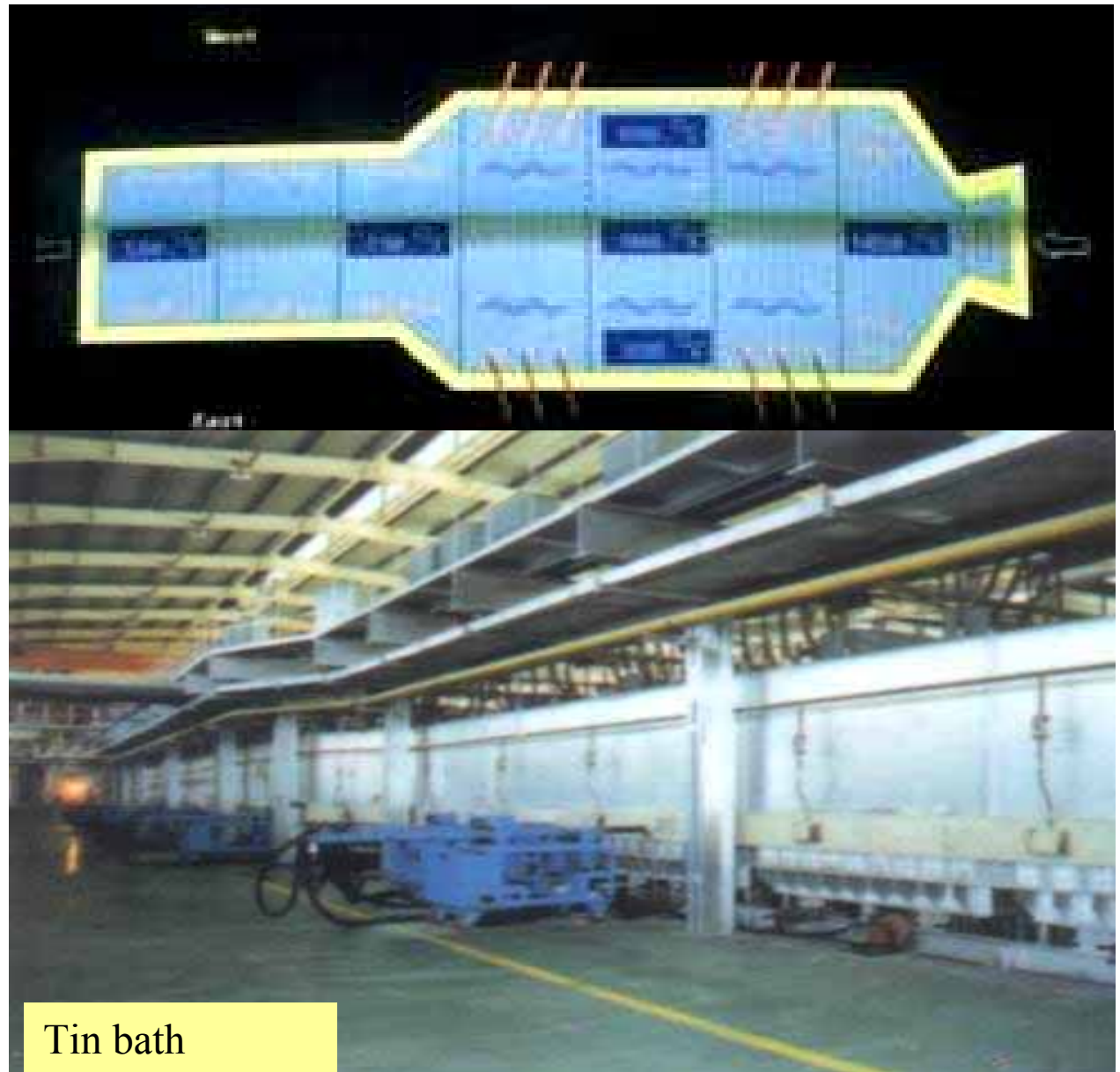
This section is one of the three hot section of float glass production line. The batch is charged into furnace by feeder continuously and is melted to high temperature glass liquid. Melting capacity can be 100 t/d to 600 t/d and the furnace campaign can be 7 years or longer.



## Float Glass Production Line (3)

### Forming Section

Tin Bath is the key thermal equipment for forming of float glass. This equipment is designed and manufactured by adopting the know how of *China's Luoyang Float Glass Tech.* The features of tin bath are high quality of formed glass, simple structure, advanced technique, reliable service, easy operation and high automatic level.



## Float Glass Production Line (4)

### Annealing Section

This section mainly is a tunnel lehr with a steel shell construction. The press of glass ribbon will be released in the lehr.



## Float Glass Production Line (5)



### Cold End

The function of the cold end are to complete the glass ribbon conveying, longitudinal scoring, transverse scoring, snapping, edge trimming, surface protecting, glass sheet taking-off and stacking etc.



## Float Glass Production Line (6)

### Computer control system



## Float Glass Production Line (7)

### Nitrogen Station



## Float Glass Production Line (8)



**Size of float glass: 4.2m x 25 m x 25mm(thickness)**

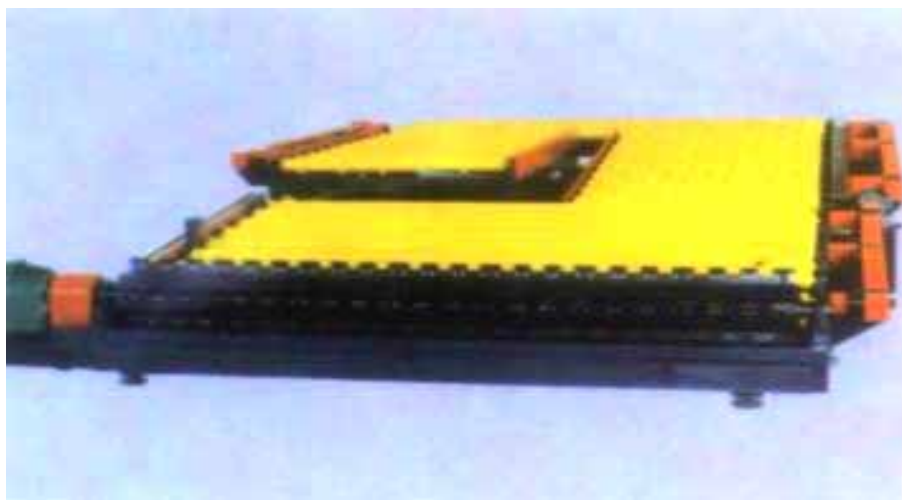
# Float Glass Production Line (9)



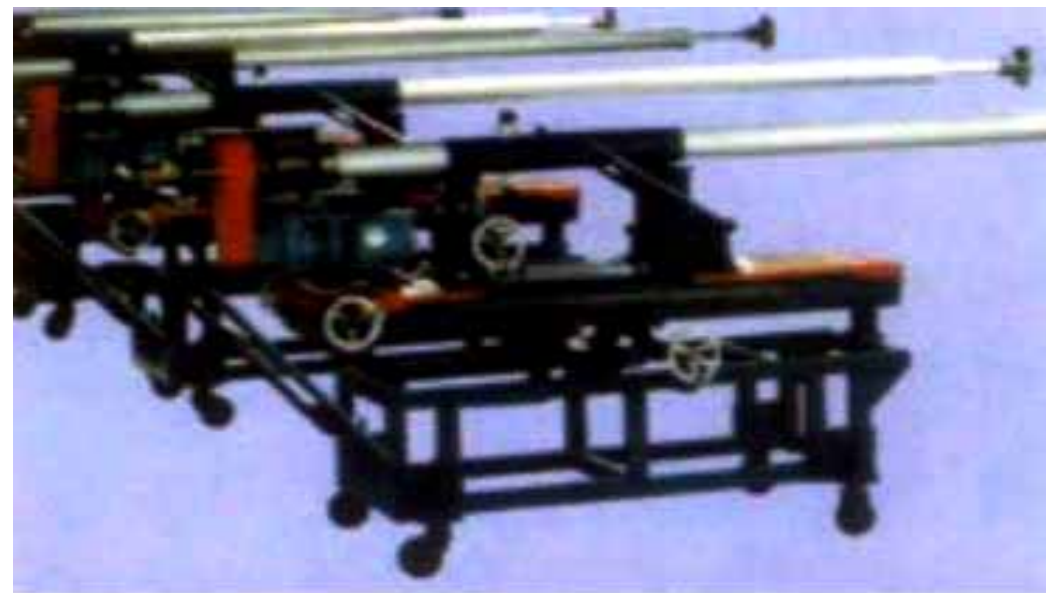
## Figured Glass Production Line



# Equipment



Cold-end equipment



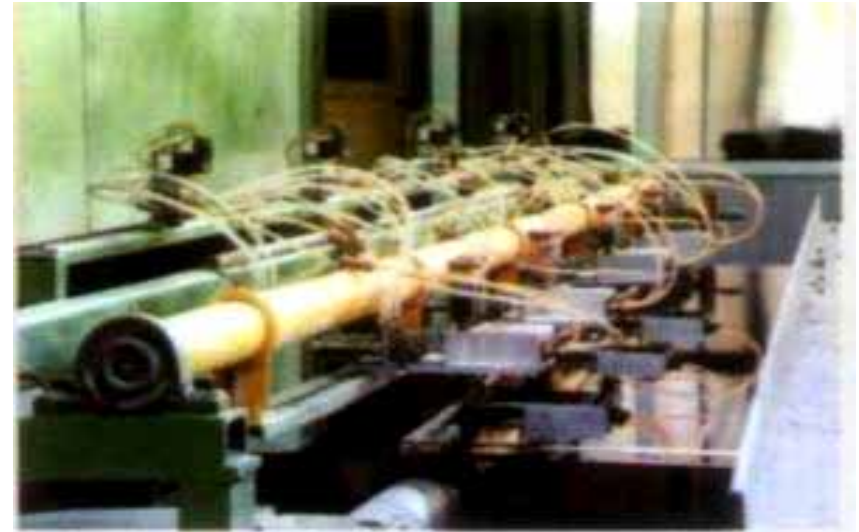
Top roller



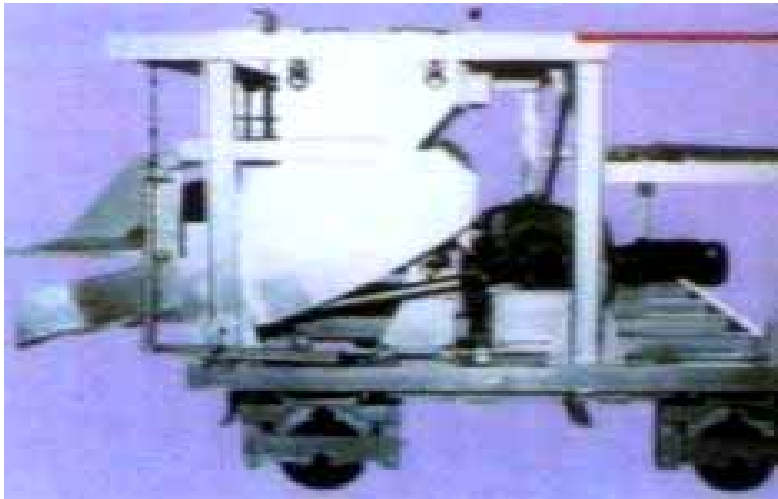
Stacker for glass



Batch mixer



One-line automatic glass defect inspection system



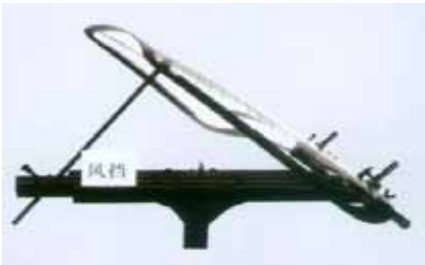
Batch feeder

# Glass Processing Plant

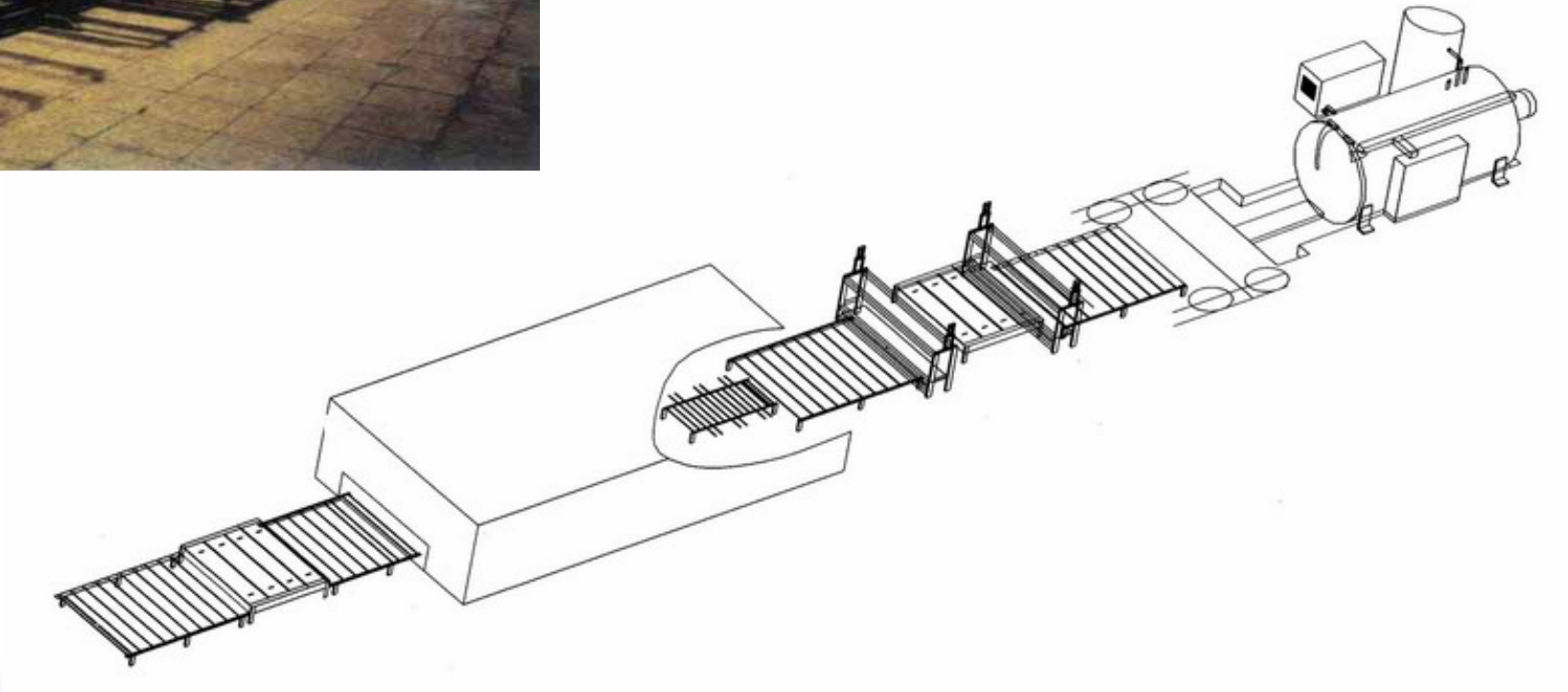
- ◆ Tempered glass production line
- ◆ Glass grinding and cutting line
- ◆ Laminated glass production line
- ◆ Coated glass production line
- ◆ Mirror production line
- ◆ Hollow glass block production line
- ◆ Glass bottle making line



# Tempered Glass Production Line



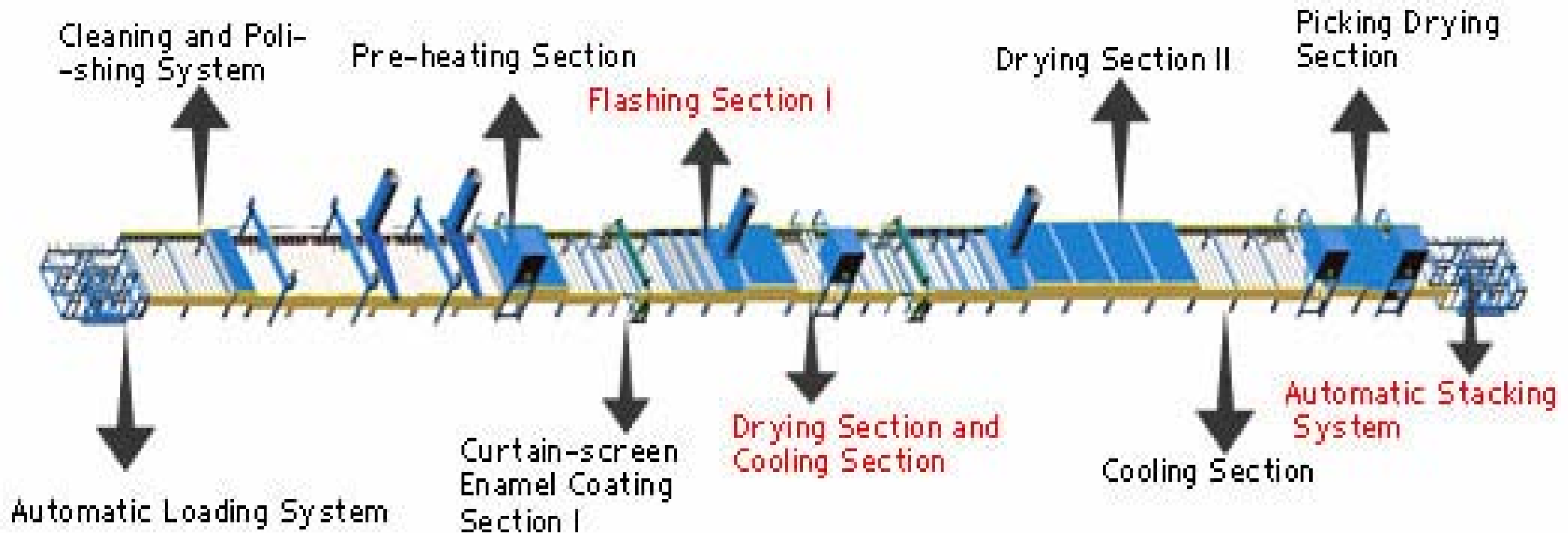
# Laminated Glass Production Line

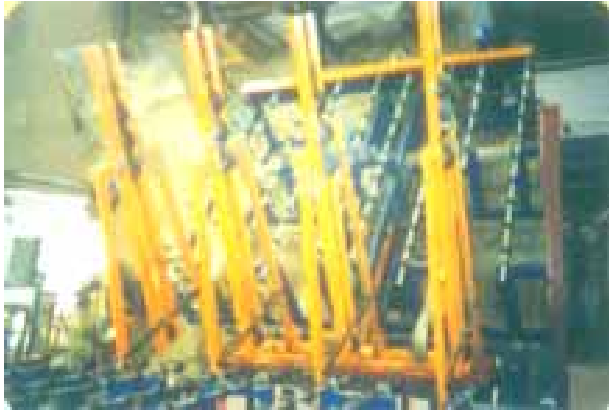


## Coated Glass Production Line



# Full-automatic Mirror Silvering Line





Automatic loading



Washing



Silvering



Coppering



Pre-heating



Paint Curtain



Cooling



Automatic unloading & stacking

# Hollow glass block production line

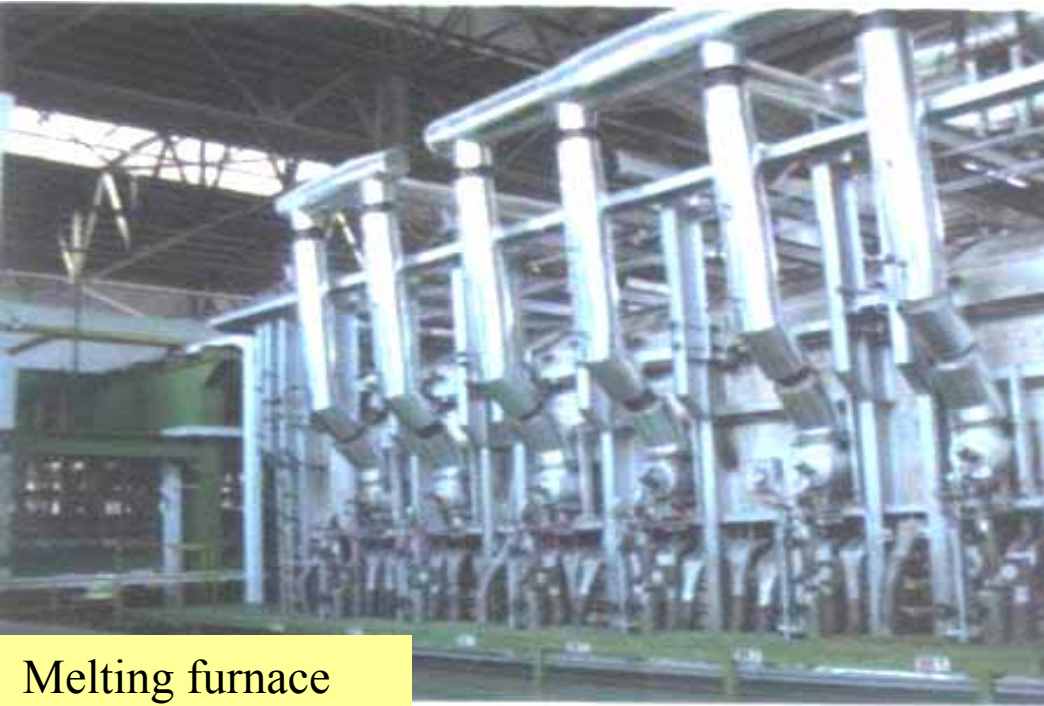


Glass melting: 35 t/d

Capacity: 3.7 M blocks/year (As per  $190 \times 190 \times 80$  mm)

Sizes of the finished blocks (mm):  $115 \times 190 \times 80$ ;  $190 \times 190 \times 80$ ;  $240 \times 240 \times 80$

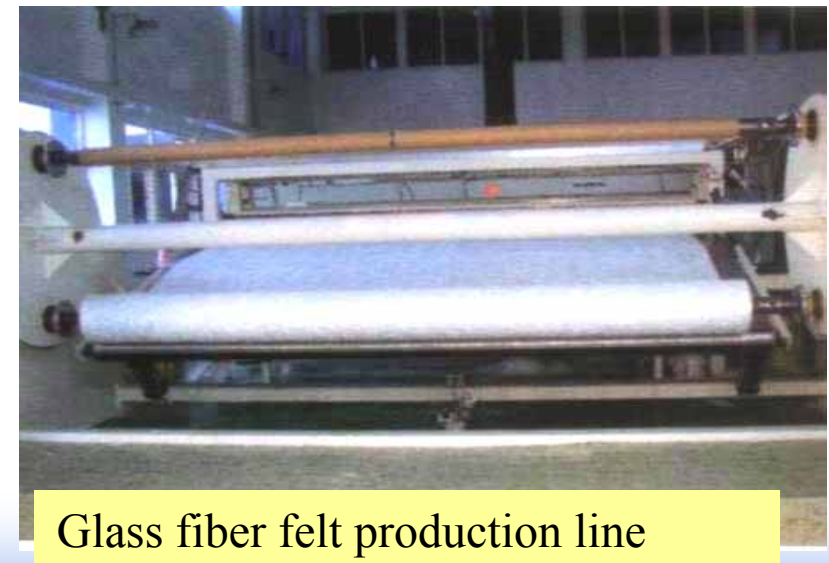
# Glass Fiber and Its Products



**Glass strand production line**

**Glass fiber felt production line**

**Various glass fiber products making line**



# Plants for Various Industrial Glass & Glass Bottle



Ceramic glass production line;  
Glass bottle production line;  
Glass beads production line;

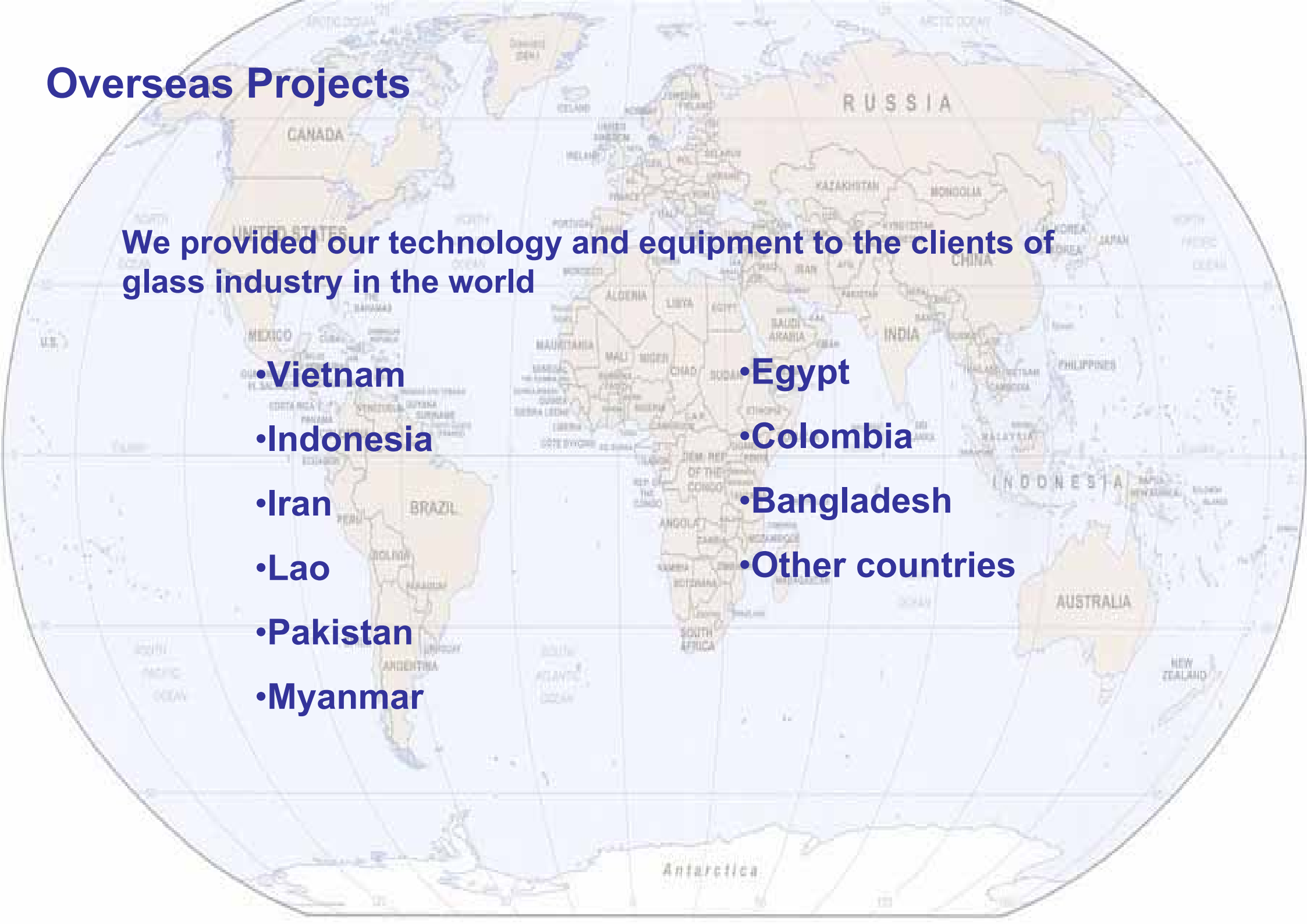




# Overseas Projects

We provided our technology and equipment to the clients of glass industry in the world

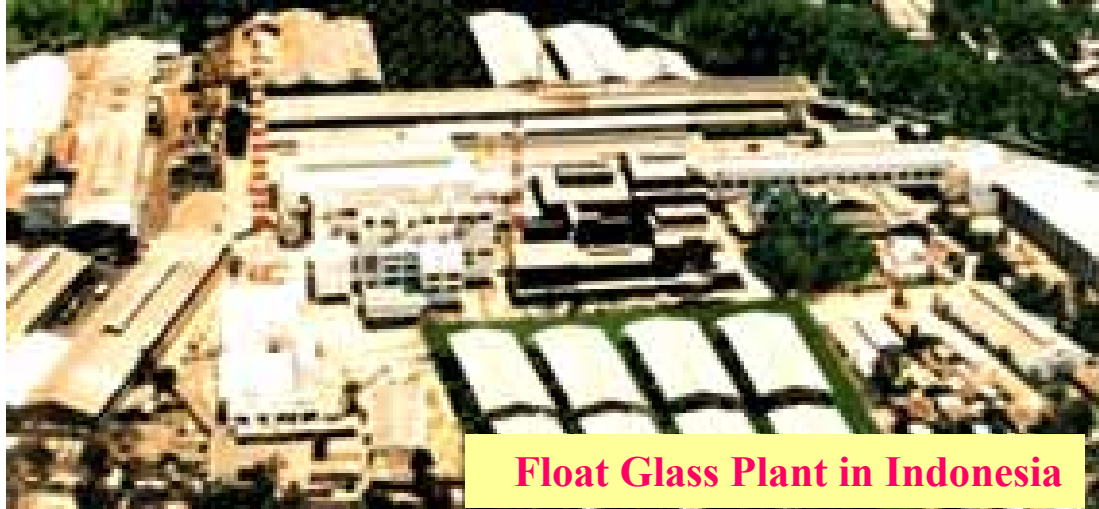
- Vietnam
- Indonesia
- Iran
- Lao
- Pakistan
- Myanmar
- Egypt
- Colombia
- Bangladesh
- Other countries



# Overseas Projects



**Float Glass Plant in Indonesia**



**Float Glass Plant in Indonesia**



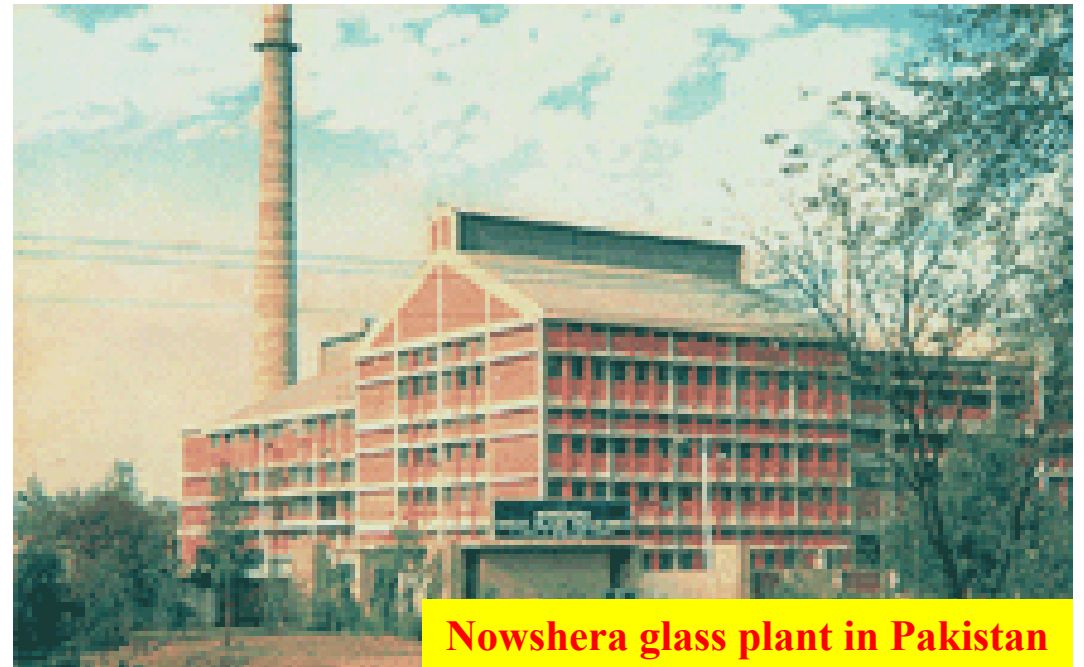
**Glass bottle plant in Myanmar**



**Float glass plant in Iran**



**300 t/d float glass plant in Vietnam**



**Nowshera glass plant in Pakistan**

# Service

- **Advanced and reliable technology & engineering**
- **Procurement, manufacture, and delivery of the goods**
- **Project management**
- **Construction, installation, and commissioning**
- **Technical service**
- **Training program**
- **Service after completion of the project**
- **Financing assistance and export credit**
- **Other services and functions upon request**

# **CREATE THE FUTURE**



**Allbest Creative Development Ltd. (ALLBEST)**

**Beijing, China**

**[allbest@china.com](mailto:allbest@china.com)**