

# Smart One, Global One

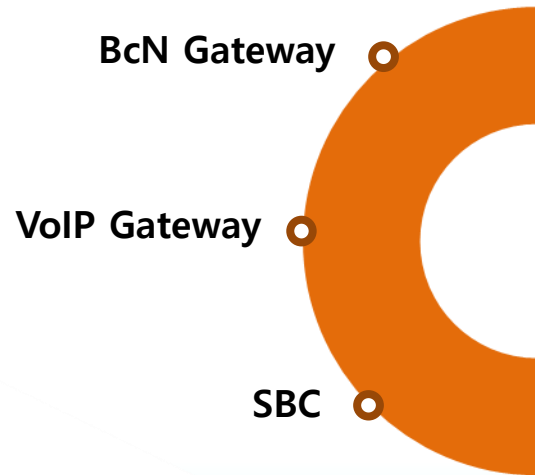
고객 만족을 목표로, 세계를 향한 힘찬 도약을 시작합니다.

# SMEC

# Company In Brief

**SMEC Co., LTD A Hybrid Company Integrating IT and Machines**

**"Core-Network Systems Providers"**

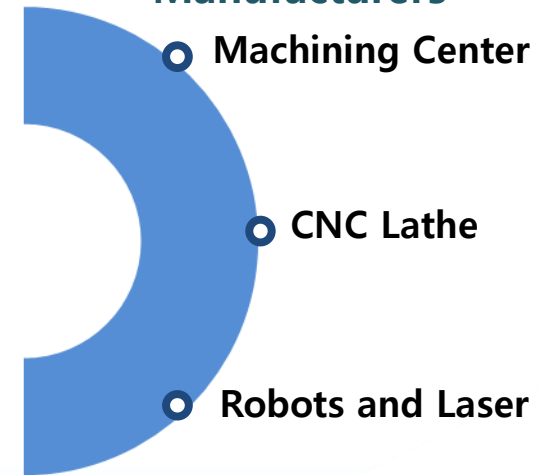


**Smart one**



**Global one**

**"CNC Machine and Robot Manufacturers"**



**"Creating the Best Investor Value"**

**Leaping Forwards to the World  
Towards Customer Satisfaction**

**Gimhae Headquarters & Factory**



**Daejeon R&D Center**



**New Daegu Factory**



|                        |                                                                           |
|------------------------|---------------------------------------------------------------------------|
| Headquarters & Factory | 157-10, Goldenroot-ro, Juchon-myeon, Gimhae-si, Gyeongsangnam-do          |
| Seoul Branch           | HCN B/D 5th Floor, 1462-7 Seocho-Dong, Seocho-Gu, Seoul                   |
| Gyeongin Office        | Hyundai I-Valley #507, 14-1 Dang-dong, Gunpo-Si, Gyeonggi-do              |
| Daegu Office           | Daegu Fusion R&D Center 12th Floor 1234, 711 Hosan-Dong, Dalseo-Gu, Daegu |
| Daejeon R&D Center     | 104-9 Munji-Dong, Yuseong-Gu, Daejeon                                     |
| New Daegu Factory      | 340-3 Sang-ri, Yuga-myeon, Dalseong-gun, Daegu                            |



# Business Facilities

## Gimhae Main Facility (Aerial)

### Facility Overview

|                |   |                      |
|----------------|---|----------------------|
| Total Area     | : | 32,800m <sup>2</sup> |
| Building Area  | : | 19,400m <sup>2</sup> |
| - Factory Area | : | 15,400m <sup>2</sup> |
| - Office Area  | : | 3,900m <sup>2</sup>  |
| - Other        | : | 100m <sup>2</sup>    |



# Main Business Areas

## Machine Tools

- ✦ Multi-Axis
- ✦ Machining Center
- ✦ CNC Lathes
- ✦ Injection Molding Machine for Rubber

## Robot & Laser

- ✦ 5~7Axis Robot
- ✦ Medical Robot Couch
- ✦ Laser Treatment

## Telecom

- ✦ Mobile Data Technology
- ✦ Data Security
- ✦ Network Interworking



# Business Facilities

## Gimhae Factory Production Line





# Business Facilities

## Gimhae Factory Machining Line



Machining



Precision Machining



# Business Facilities

## Gimhae Factory 3D/ Precision Measurement Rooms



3D Measurement

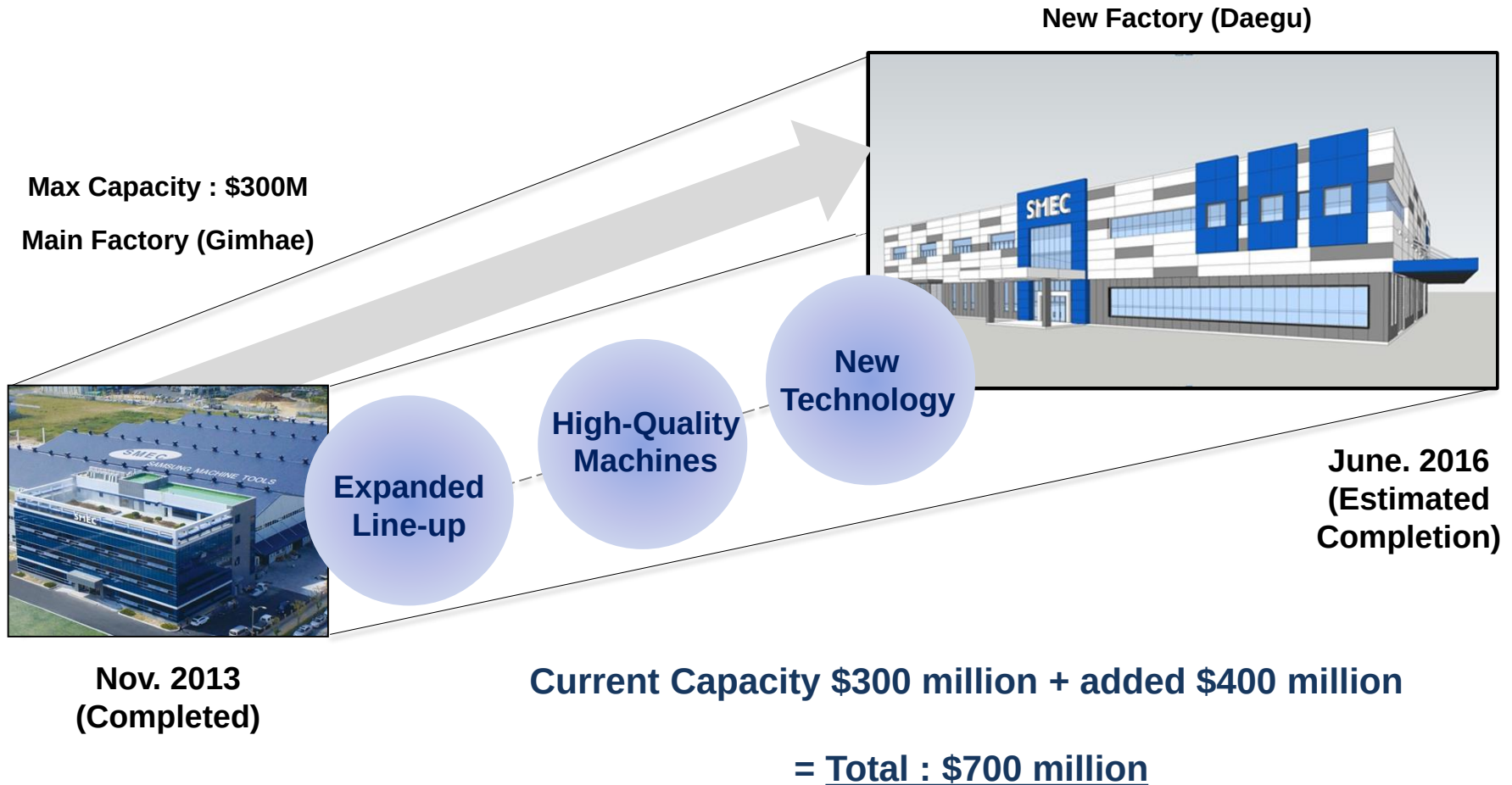


Precision Measurement



# Business Facilities

## Future Expansion



✓ New robot production facility in Daegu (Factory Area : 19,800 m<sup>2</sup>)

# Chapter 02

## Machine Tools Business

- 1\_ Overview
- 2\_ History
- 3\_ Product Overview
- 4\_ Product Lineup
- 5\_ Sales
- 6\_ Factory Automation(FA)
- 7\_ Rubber Injection Molding



# Overview

- ◆ Machine Tools Business established in 1988
- ◆ Major Products
  - CNC Lathes
  - Machining Centers
  - Robot and Laser
  - Factory Automation System
- ◆ Employees : 200 (R&D Center : 40)
- ◆ Production Facility in Korea
- ◆ Produced 1,800 units total in 2014
- ◆ Production capacity : 300 units/month
- ◆ Worldwide sales network in 48 countries



# History (1/2)



1988  
Started as machine tools  
division of Samsung  
Heavy Industries, Ltd.

1992  
Developed FMS  
System

1995  
Transferred to Samsung  
Aerospace

1999  
Spun out from Samsung  
Aerospace and established  
SMEC Co., Ltd

1988  
Technical agreement  
with OKK

1991  
Technical agreement  
with Mori Seiki

1996  
Technical agreement  
with Toshiba

PCV 510

OKK PCH 400

MORI SEIKI  
THE MACHINE TOOL COMPANY



# History (2/2)



**2005**  
8G Robot Development  
and Export

**2011**  
iMT420S 9 Axis Multi-Tasking  
Machine Tool Development



**2013**  
Gimhae Factory Open

**2014**  
SIMTOS 2014, IMTS 2014  
SYD200T2Y2



**2008**  
CNC Lathe with Integrated Y  
Axis Development

**2012**  
SIMTOS 2012, IMTS 2012  
FTV630 5 Axis MCT



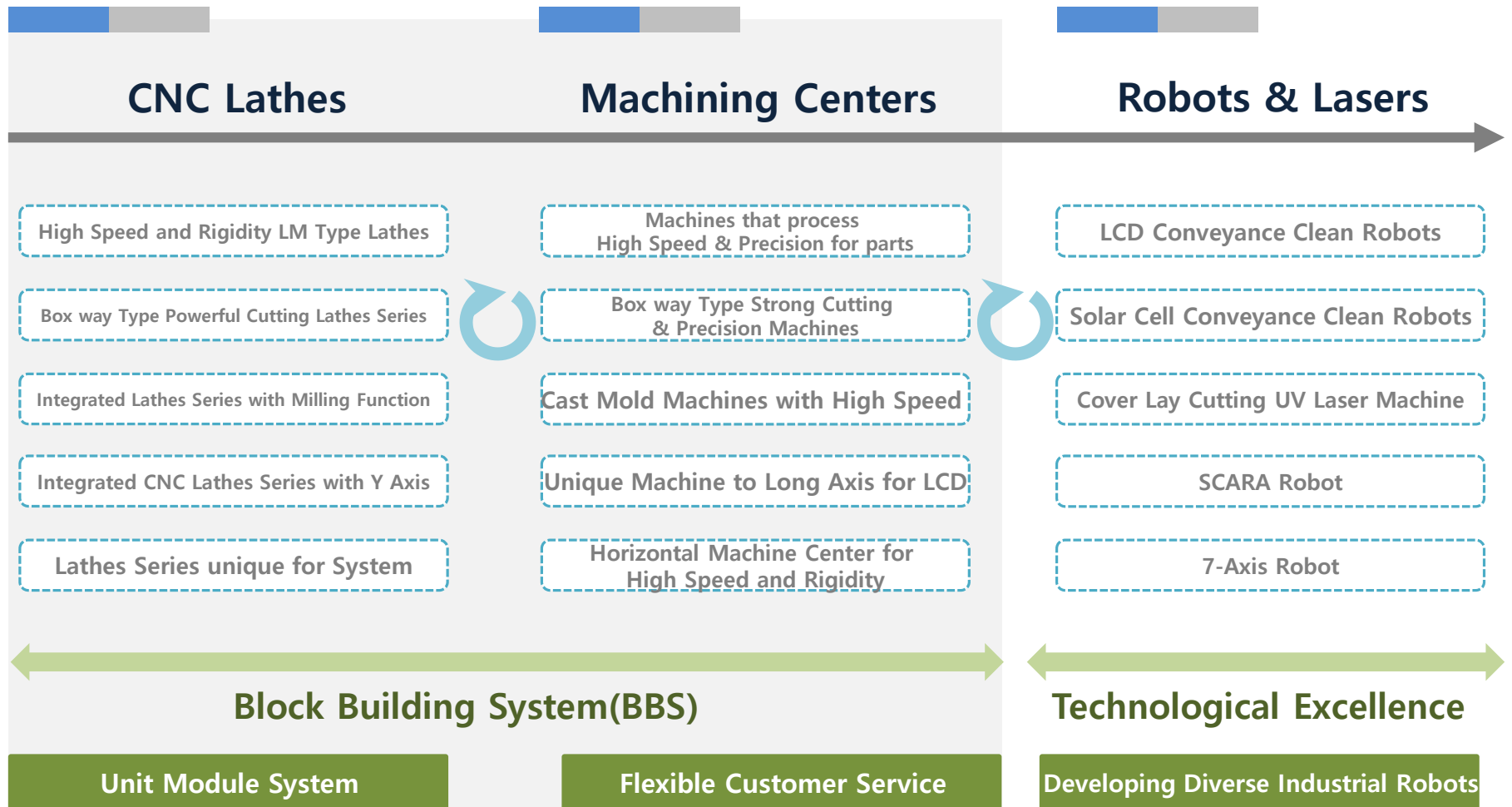
**2014**  
LCH630 Horizontal Lathe Development





# Product Overview

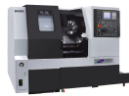
## Organically Connected Robots to Lasers based on Machine Tools



# Product Lineup

## CNC Lathes

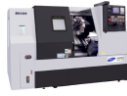
### Box Way



PL15  
PL 15L  
PL 20  
PL 20L



PL 240  
PL 240LM



PL 20M  
PL 25  
PL 25L  
PL 25M  
PL 25LM



PL 30  
PL 30L



PL 35  
PL 35L  
PL 35M  
PL 35LM



PL 40  
PL 40L



PL 45L  
PL 45X  
PL 45LM  
PL 45XLM  
PL45LY



PL 60  
PL 60L  
PL 60M  
PL 60LM



PL 70  
PL 70L  
PL 70M  
PL 70LM



PL 80  
PL 80L  
PL 80C  
PL 80CL

### Gang Type



PL 1600G  
PL 1600CG

### LM&Box Type



PL 1600  
PL 1600C  
PL 1600M  
PL 1600CM

### Integrated



PL 2000MS  
PL 2500MS



PL 2000Y  
PL 2000SY  
PL 2500Y  
PL 2500SY

### Vertical



PL 250V  
PL 250VM



PL 800V  
PL 800VM

### Diff. Case



PL 25DC

## Multi-Axis Machines

5-Axis  
FTV  
630



9-Axis  
iMT 420S



## Machining Centers

### Small



LCV 30A  
LCV 30B



LCV 380D  
LCV 380S

### For Mold



LCV 850  
LCV 1060



MAAC 650

### Horizontal



LCH 630

### For Parts



LCV 500



LCV 500L



LCV 550  
LCV 650



LCV 66  
LCV 80



LCV 30LB  
LCV 30XLB



LCV 50XLB



MAAC 1730

**Thank You**

**S1MEC**