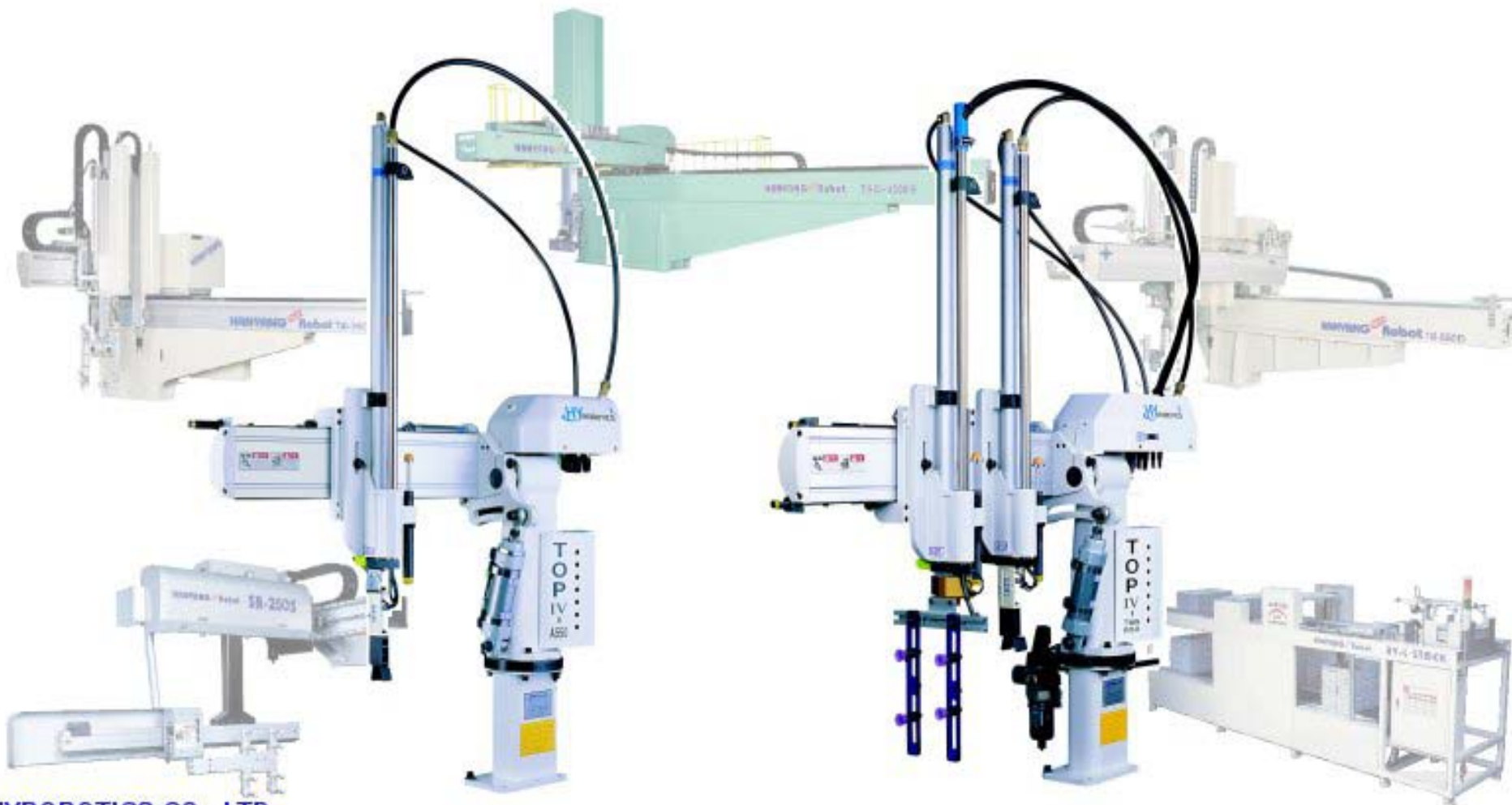


HYROBOTICS^X



CONTENTS



1. INTRODUCTION

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1. INTRODUCE

- COMPANY NAME : HY ROBOTICS CO., LTD (SOUTH KOREA)
 - HYROBOTICS CORP (USA)
- PRESIDENT : KANG, DAE WOONG (KOREA) / SAM LEE (USA)
- ADDRESS :
 - H.Q. : 173-228, GAJWA-1DONG SEO-KU
INCHEON, SOUTH KOREA
 - U.S.A : 5988 MID RIVERS MALL DR.
SAINT CHARLES MO 63303, USA
- BUSINESS : TAKE-OUT ROBOT FOR INJECTION MOLDING
MACHINE AND FACTORY AUTOMATION
- EMPLOYEE : 52 PERSONS (Full Time Only, Rep is not included)
- SALES AMOUNT (2004) : \$ 7.5 million, (2005) : About \$ 10 Million

2.HISTORY

- 02. 1988 Established as a Hanyang Engineering. Co. (Automatic Mold Release Spray Machine)
 - 03. 1992 Registered "Take out Robot" as a product name
(Introduced 1st Generation Swing Type Robot : TOP Sprue Picker Robot)
 - 10. 1993 Acquired "Q Mark"(Quality assured company) (Introduced Traverse Robot : Inverter Motor Type)
 - 04. 1996 Awarded 20th "Productivity Grangprix " by the Minister of commerce and Industry Department of Korea
(Introduced 1 Axis Servo Traverse Robot)
 - 09. 1996 Established "Technical Research Institute"
(Developed 2nd Generation Swing Type Robot : TOPII Sprue Picker Robot)
 - 04. 1997 Awarded 21th "Productivity Contribution Grangprix" by the President of South Korea.
 - 02. 1998 Selected "Excellent Export Ability Company" by the Small and Medium Size Business Association.
(Developed 3rd Generation Swing Type Robot : TOPIII Sprue Picker Robot : 4000 units installed)
 - 04. 1999 Selected "Venture Technical Company" by the Small and Medium Size Business Association.
 - 12. 2000 Changed company name to HANYANG PRECISION ROBOT. CO., LTD.
 - 07. 2002 Developed 4000 tons Servo Robot for the first time in Korea (3 Axis Servo Traverse Robot : TSIII))
 - 04. 2002 Developed Intelligent 7 axis take-out robot(Start to export Robot to USA)
 - 10. 2002 Patent Pending for Insert Automation System
 - 11. 2002 Patent Pending for Insert Automation System
 - 07. 2003 Developed 4th Generation Swing Type Robot : TOPIV Sprue Picker Robot.
 - 09. 2003 ERP Success Story Presentation for Incheon Chamber of commerce and Industry
 - 01. 2004 Company CI change : HY Robotics (HYROBOTICS)
 - 04. 2004 Traverse take out robot developed for 2 Color injection molding machine
 - 09. 2004 Acquired The ISO 9001:2000 Certification
 - 11. 2004 Acquired CE Mark (TOPIV)
 - 03. 2005 Established HYRobotics Corp. in USA.
- OVER 7,000 Swing Type Robots, 2,000 Traverse Robots, 1,000 automation units installed world wide since 1988

3.PRODUCTS

Take-out
Robot

SWING TYPE ROBOT

TRAVERSE TYPE ROBOT

SIDE TYPE ROBOT

FA

ASSEMBLY MACHINE

CUTTING MACHINE

INSERT SYSTEM

STOCK SYSTEM & CONVEYOR

End of Arm Toolings.

4. CERTIFICATION



PATENT

- ” MOTION SETTING METHOD AND EQUIPMENT OF TAKE-OUT ROBOT”
- “ MOTION TIME CONTROL METHOD OF TAKE-OUT ROBOT”
- “INSERT POSITION MEASUREMENT OF TAKE-OUT ROBOT” ETC.



UTILITY MODEL

- “INSERT EQUIPMENT OF TAKE-OUT ROBOT”
- “CONTROL EQUIPMENT OF BELT TENSION”
- “MOTION STEP CONTROL EQUIPMENT” ETC.



INDUSTRIAL DESIGN

- “AUTO-TAKET-OUT OF PRODUCT” ETC.



ISO 9001:2000



CE

5. CUSTOMERS



Suppliers for



SAMSUNG ELEC. (MOBILE. & APPLIANCE)



LG ELEC. (MOBILE. & APPLIANCE)



HYUNDAI MOTORS



KIA MOTORS



DAEWOO MOTORS

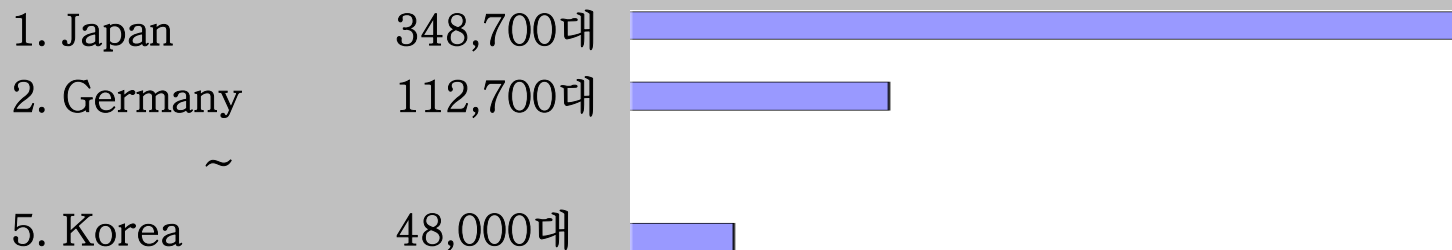


SCHEFENACKER AUSTRALIA

ETC.

6. VISION(1)

2003 Industrial Robot Units in Plants of Each Country



2004 Annual Sales Q'ty



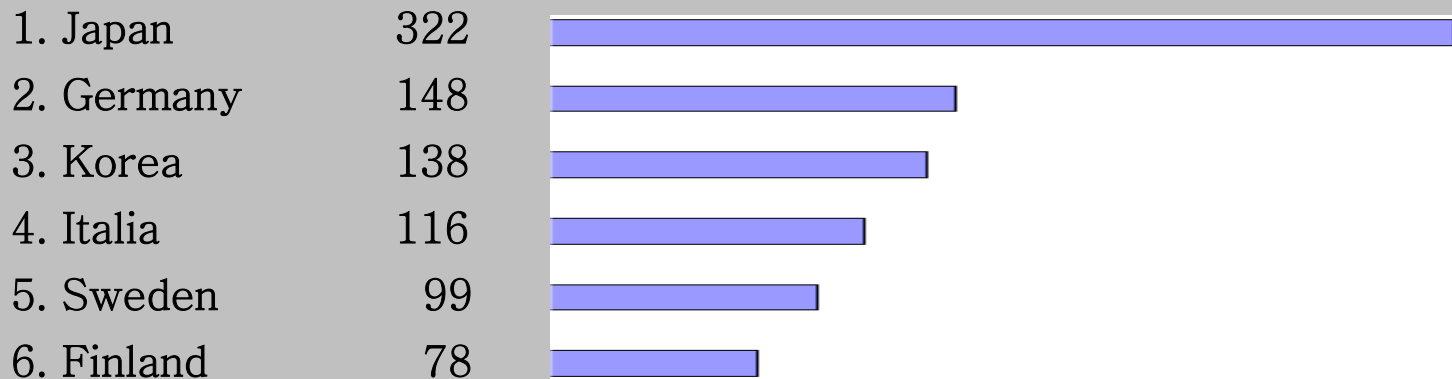
2004 Robot Market in Korea

Production in Korea : 1150 Billion Won < Korea Market 1707 Billion Won

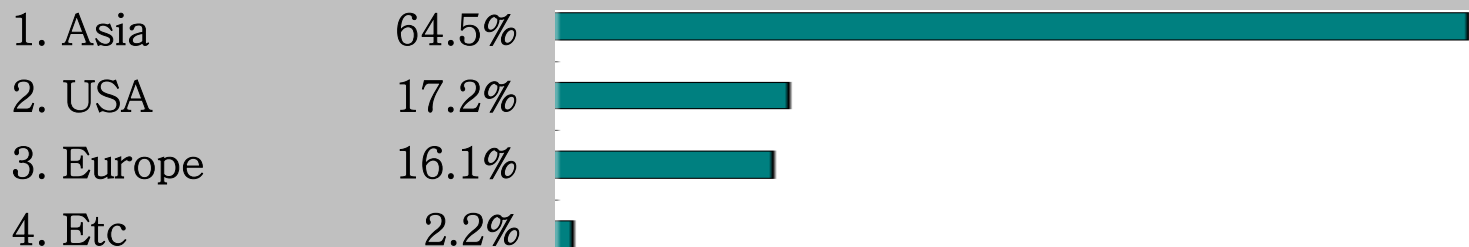
Export q'ty 2085 Units (25.8% increase) < Import Q'ty 3868 Units (9.5% Increase)

6.VISION(2)

2004 Robot q'ty for 10,000 employee (Percentage of Robot with Employee)



2005 Robot Consumption (Researched By Fuji Research Institute in Japan)



** Japan has 46% of Asia 64.5%

Usage of Robot

Automotive Assembly (Large size) → Electric Consumption (Small)



HYROBOTICS X

System that work, designed and built by people
who know and care ! HYRobotics