



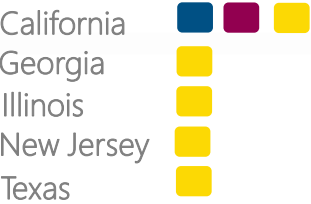
TYC Brother Industrial Company

堤維西交通工業(股)公司

TYC Group Global Network



N. AMERICA



EUROPE



ASIA



■ Headquarters ■ Sales ■ Distribution Center ■ Manufacturing

Members of TYC Group



TYC Brother Industrial Co., Ltd

TYC a world class vehicle lighting manufacturer capable of tooling & product design, engineering, production, assembly and supply to global OEM & Replacement Aftermarket. TYC also provides One Stop Shop service for replacement aftermarket automotive spare parts.



JUOKU Technology Co., Ltd – 1993

Maintain Technical Assistance Agreement with Stanley Electric Co. Japan. Core Products includes Tooling, Automotive & Scooter lighting devices, Key Locks, Switches & Service units for Asian region OEM's & replacement aftermarket. Plants located in Taipei & Tainan.



DBM Reflex of Taiwan Co., Ltd – 2000

A joint venture company with DBM Reflex of Canada, producing Reflex Reflector Electroform inserts. DBM Taiwan offers high quality products and services from feasibility studies, optical & mechanical design, electroforms manufacturing, injection try-outs and testing.

Members of TYC Group



Changzhou Tamou Precision Industrial Co., Ltd. - 2001

Specialized in plastic molds and tooling for vehicle lighting components located in China



Kun Shan TYC High Performance Lighting Tech Co., Ltd. - 2010

TYC central business operation in China for automotive lighting replacement aftermarket production and distribution center including other automotive aftermarket spare parts.



TYC Thailand - T.I.T. International Co., Ltd. - 1999

TYC manufacturing plant and sales office located in Rayong Industrial Park. Business activities includes selling automotive lighting products & spare parts to domestic replacement aftermarket , also supply lighting products to Thai OEM two – four wheelers customers.



TYC Vietnam

A joint ventured company for manufacturing and sales of two and four wheelers lighting devices for domestic OEM production assembly. Plant located in Hanoi.

Members of TYC Group



TYC Americas - 1991

TYC Americas is the exclusive N. American distribution arm for TYC products. Headquartered in Brea, California. General operates its 5 massive distribution center strategically located in California, New Jersey, Illinois, Texas & Georgia. It also provides inventory logistic supply services to TYC's N. America OEM customers. An OEM R&D center and manufacturing site located in Michigan.



TYC Europe B.V. - 2003

Headquartered in The Netherlands, strategically position at the center of the European market. It serve as TYC's central sales & distribution center for European replacement aftermarket lighting products and other automotive collision parts, including inventory logistic supply services to TYC's European OEM customers.

Affiliates of TYC Group



Varroc TYC Auto Lamps Co., Ltd. - 2004

A 50-50 joint venture automotive lighting company with Varroc Group India, Varroc replaced Visteon Corporation of N. America, as it's partner in 2013. VTYC headquarter located in Changzhou, China for production & supply to China OEM automotive exterior lighting devices. Manufacturing plant facilities located in Changzhou & Chongqing.



P.T. Astra Juoku Indonesia - 2012

A 50-50 joint venture automotive & motorcycle lighting company between P.T. Astra Otoparts and JUOKU Technology. Manufacturing plant facility located in Karawang, Indonesia for domestic OEM supplies.

TYC Brother Industrial Co. Overview

1986

Established : Sep. 9, 1986

Anping Plant : 21,746 sq.m.

Principal Activity : Manufacture and sales of Vehicle Lighting Products for Automotive, Bus, Coach, Motorcycle, Scooter, Truck, Tractor.....etc..

3.1 Bil NTD\$
TYC Capital

1997

Initial Public Offerings

1649

Total Employees



2003

TECH PARK PLANT PHASE 1:62,300sq.m

AFM engineering; Manufacturing; Assembly;
Material Purchasing; Production Control ; QA ;
AFM assembly; Components & Parts Storage
Warehouse; Shipping

2012

TECH PARK PLANT PHASE 2 :12,722 sq.m

Aftermarket spare parts logistic center

2015

TECH PARK PLANT PHASE 3 : 20,761 sq.m

OEM assembly line; OEM Parts Storage;
Warehouse & Shipping

2019

Facility Expansion : Automated
Storage Retrieval System II

Component Storage System Capacity

The first ASRS material inventory system in Taiwan Lighting Industry

*ASRS – automated storage & retrieval system



With standardized manufacturing processes, TYC pursues better outputs in manufacturing capacity, efficiency & flexibility

Italian Plasma Vacuum System process for reflective or decorative components
UV hard coat robotic painting process for Polycarbonate lens



Plant and Product Quality Merits

TYC produce vehicle lighting products that complies with specific territorial quality standards and regulation for OEM & Aftermarket

PLANT



Q1
FORD PREFERRED
QUALITY STATUS



PRODUCT



EAC



TYC - First Taiwan Vehicle
Lighting Device Manufacturer to
be certified by TÜV Rheinland for
ISO 26262 Functional Safety
Management System



Supplier Awards from Two Wheels Customers



2018 KTM
Supplier Quality Award



2016 Ducati
Quality & Service Award



2013 Ducati
Quality & Service Award



2009 Ducati
Quality & Service Award

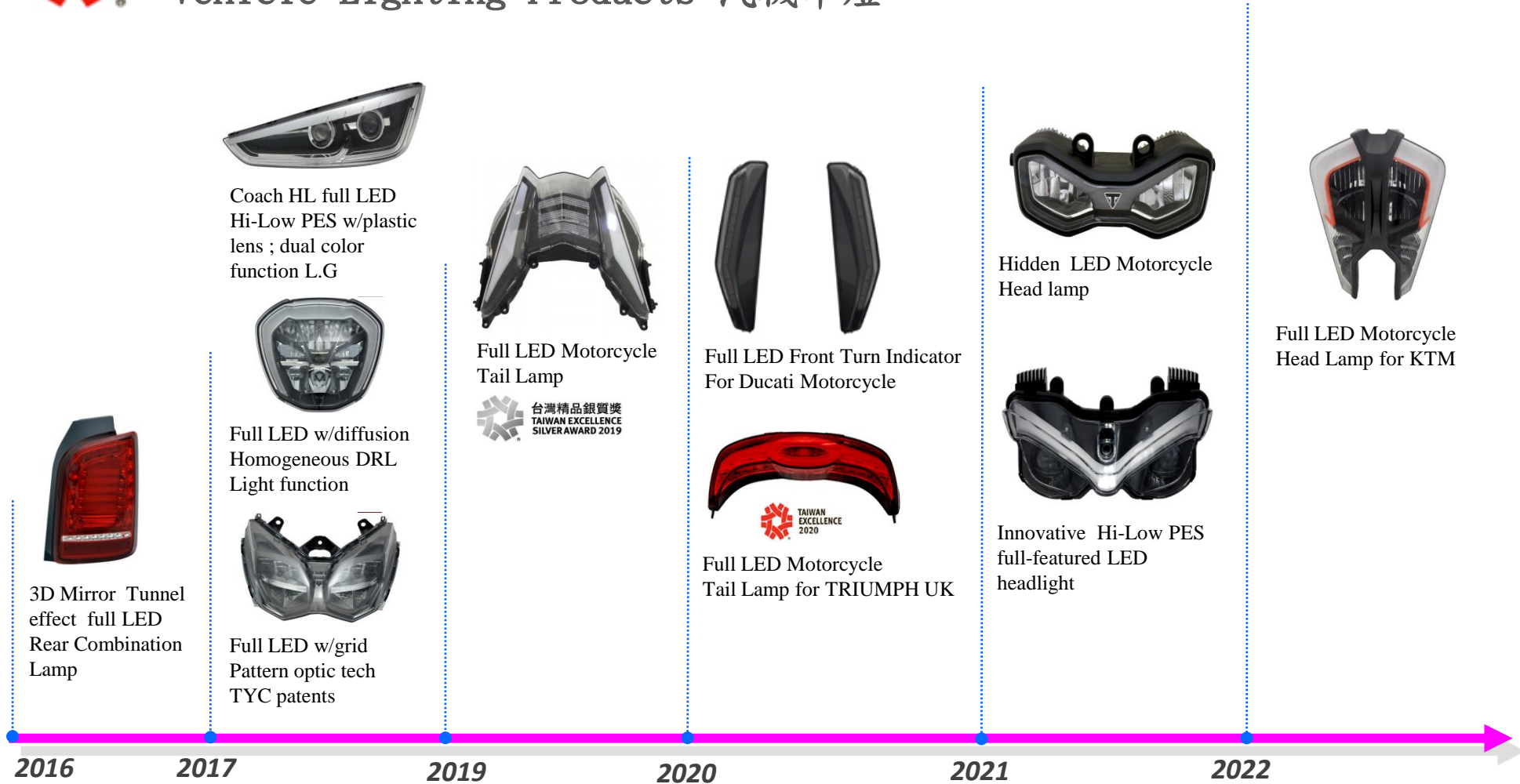


2014 KYMCO
50 year Award



Taiwan Excellence Award 台灣精品獎

Vehicle Lighting Products 汽機車燈





2017 Taiwan Excellence Award 台灣精品獎

Vehicle Lighting Products 汽機車燈

Full LED Coach Headlamp for Irizar Spain



Full LED 5 in 1 Headlamp (H/L , DRL,
Position, Turn) for IRIZAR, Spain



Major OEM Customers

Automotive



Aixam Mega
France



Ford Motor Company
South Africa, Asia-Pacific, Argentina



GM (Holden)
Australia



GM
Brazil, Thailand, N. America



Holden Special Vehicles
Australia

ISUZU

Isuzu
Philippines



Magna Steyr
Austria

Bus & Coach



Irizar
Spain



Blue Bird
N. America



Prevost
Canada



VDL
The Netherlands

Motorcycle



BMW
Germany



KTM
Austria



Suzuki
Japan



Ducati
Italy, Thailand



MV Agusta
Italy



Triumph
UK, Thailand



Harley Davidson
USA



Aprilia
Italy



Husqvarna
Austria

Scooter



KYMCO
Taiwan



Sanyang
Vietnam. Taiwan



Honda
Indonesia, Thailand, Vietnam



Suzuki
Indonesia, Thailand
N. America

Truck & Tractor



DAIMLER TRUCKS N.A. LLC
N. America



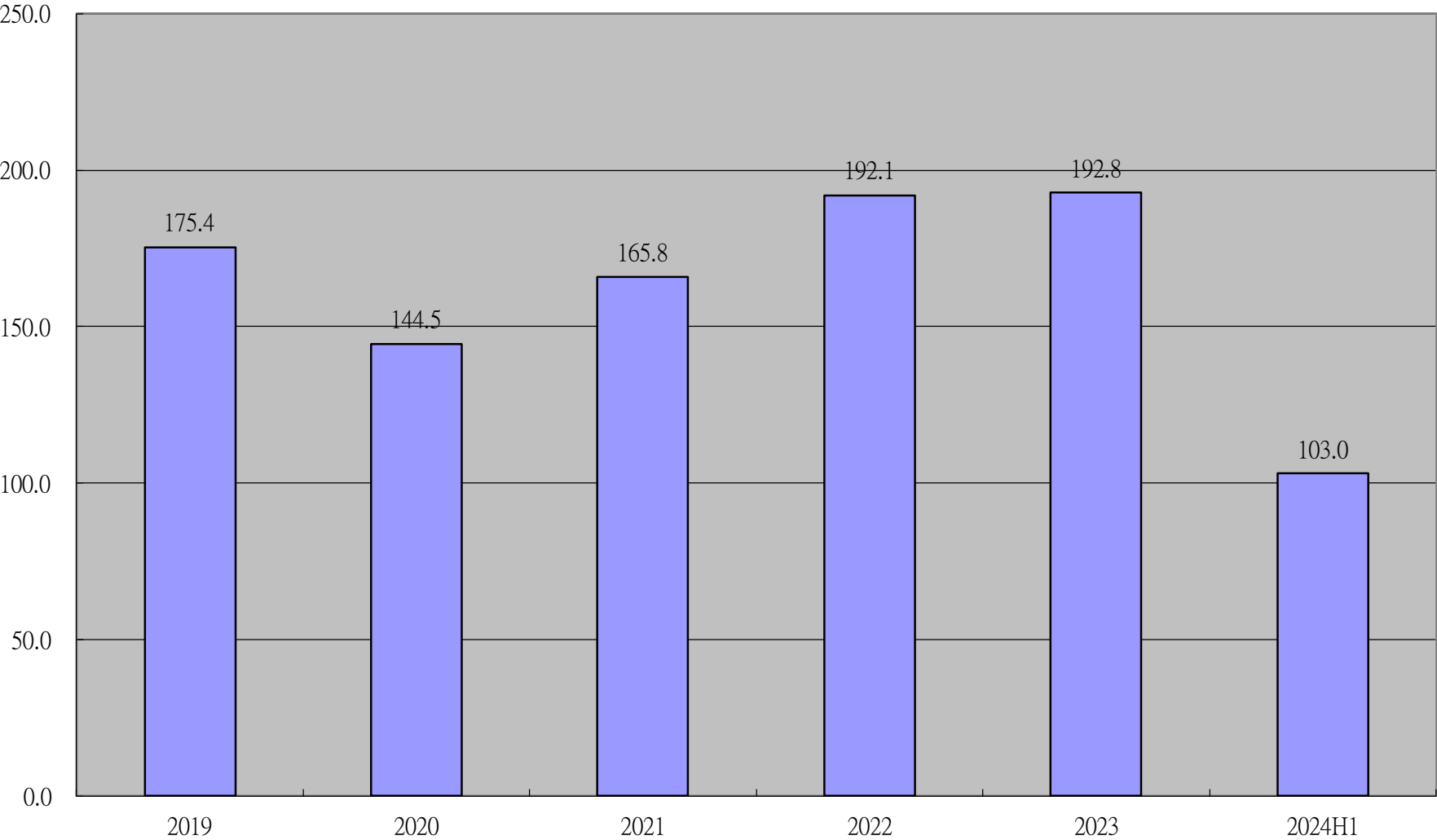
AGCO
N. America



NAVISTAR, INC.
N. America

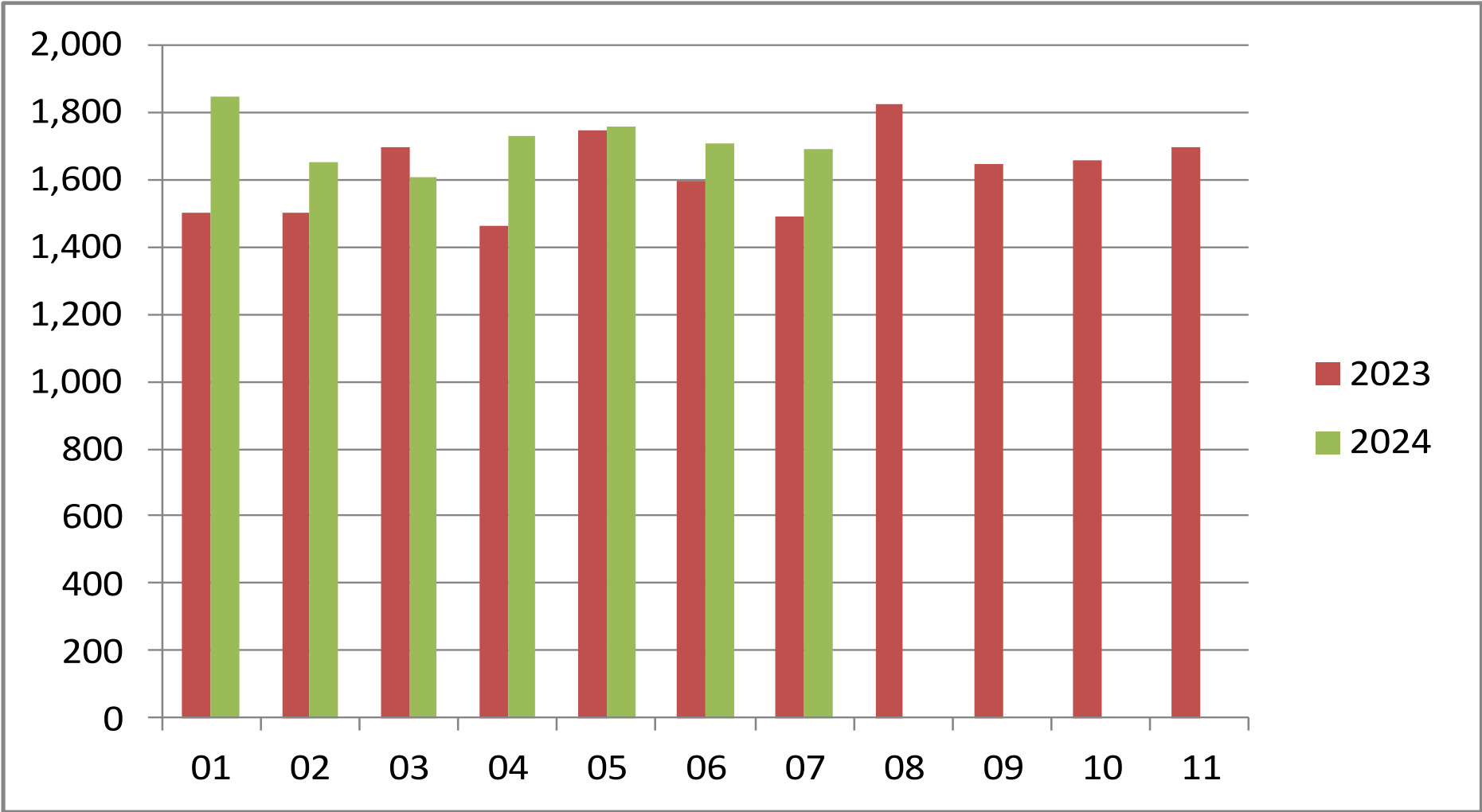
TYC Consolidated Sales 合併營收-堤維西交通

單位: NTD 100 million

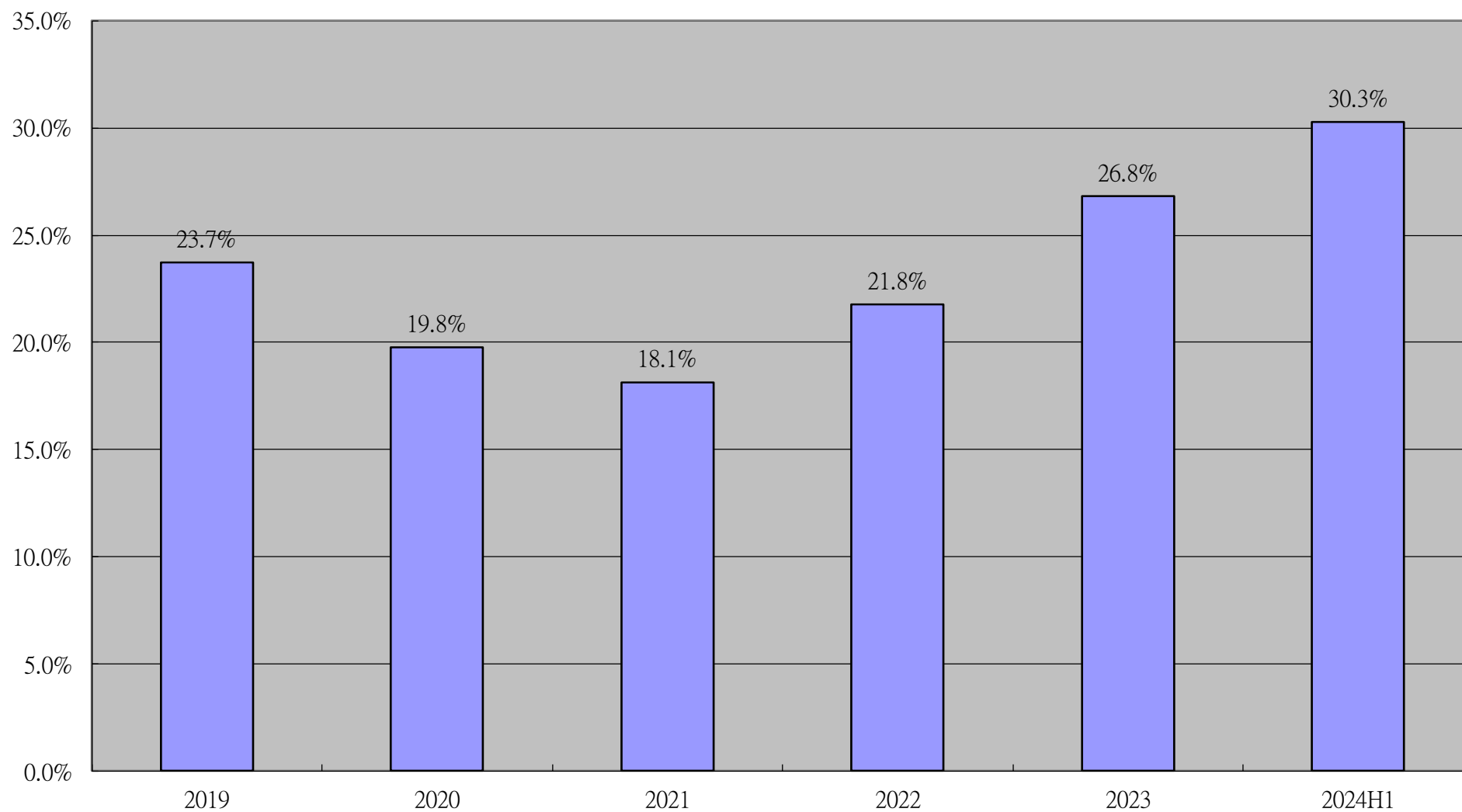


TYC Monthly Consolidated Sales 合併月營收-堤維西交通

單位: Million(NTD)

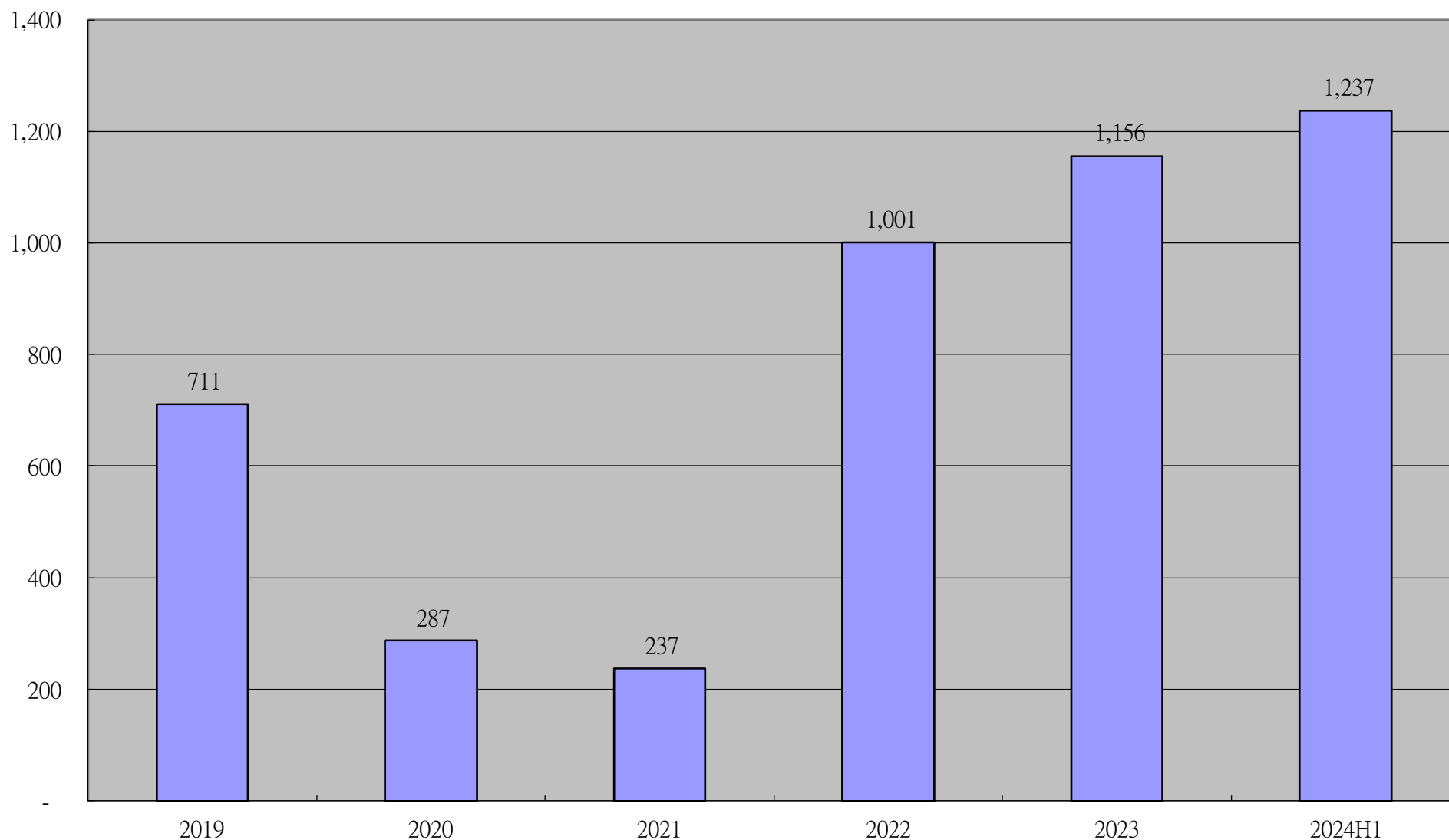


TYC Gross Margin 毛利率-堤維西交通



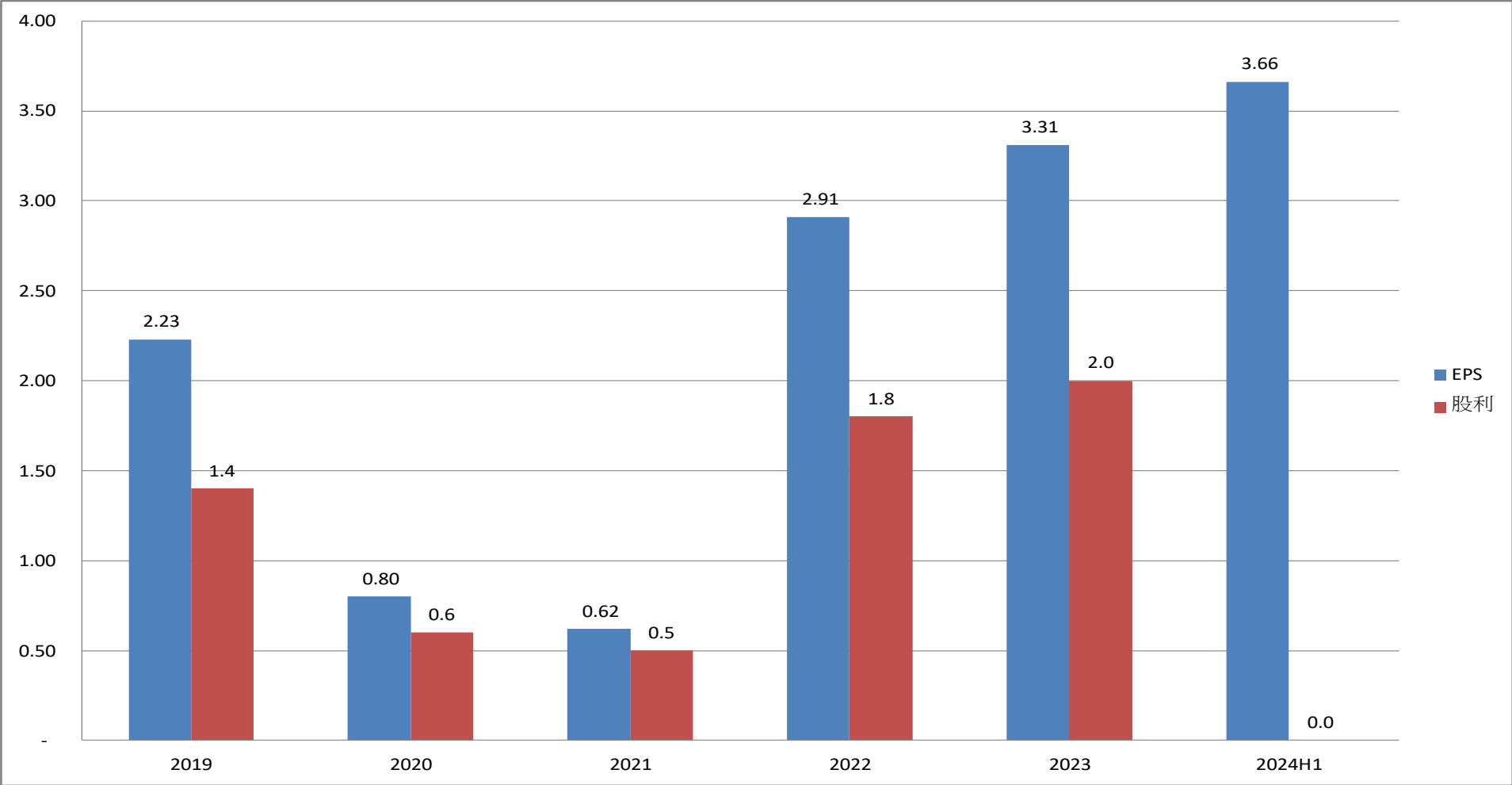
TYC Net Income 稅後淨利-堤維西交通

單位：NTD million



TYC EPS/Dividend 每股盈餘/股利

單位：NTD(台幣)





Thanks