

BASILDON

TRACTOR PLANT

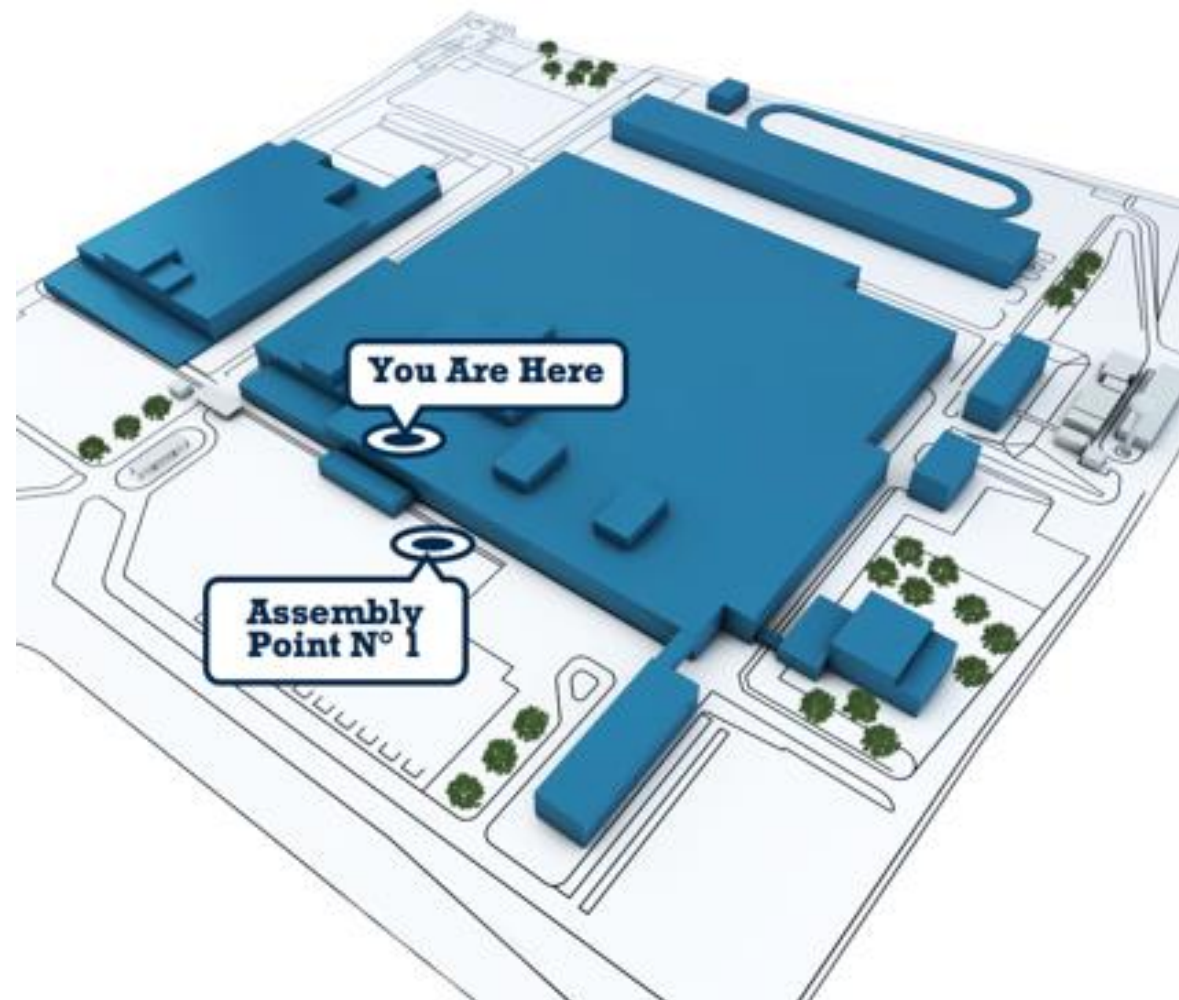


Safety Rules

In case of continuous alarm buzzer

In case of an emergency (continuous alarm buzzer) **proceed to evacuation assembly point No 1**

- ▶ **Alarm sounded** for second time and continues to sound
- ▶ **Await instructions** from your host or Fire Warden and do not use the lift
- ▶ **Find the nearest exit** and go to the assembly point as instructed below





CUSTOMER CENTRE

CNH Industrial

Our products



Trucks



Buses



**Firefighting
Equipment**



**Civil Protection
and
Defence Vehicles**



**Construction
Compact Line**



**Crawler
Excavators**



**Engines and
Transmissions**



Tractors



Harvesting

CNH Industrial

Company Structure



Agricultural Equipment



Construction Equipment



Commercial Vehicles



HEULIEZBUS



Powertrain

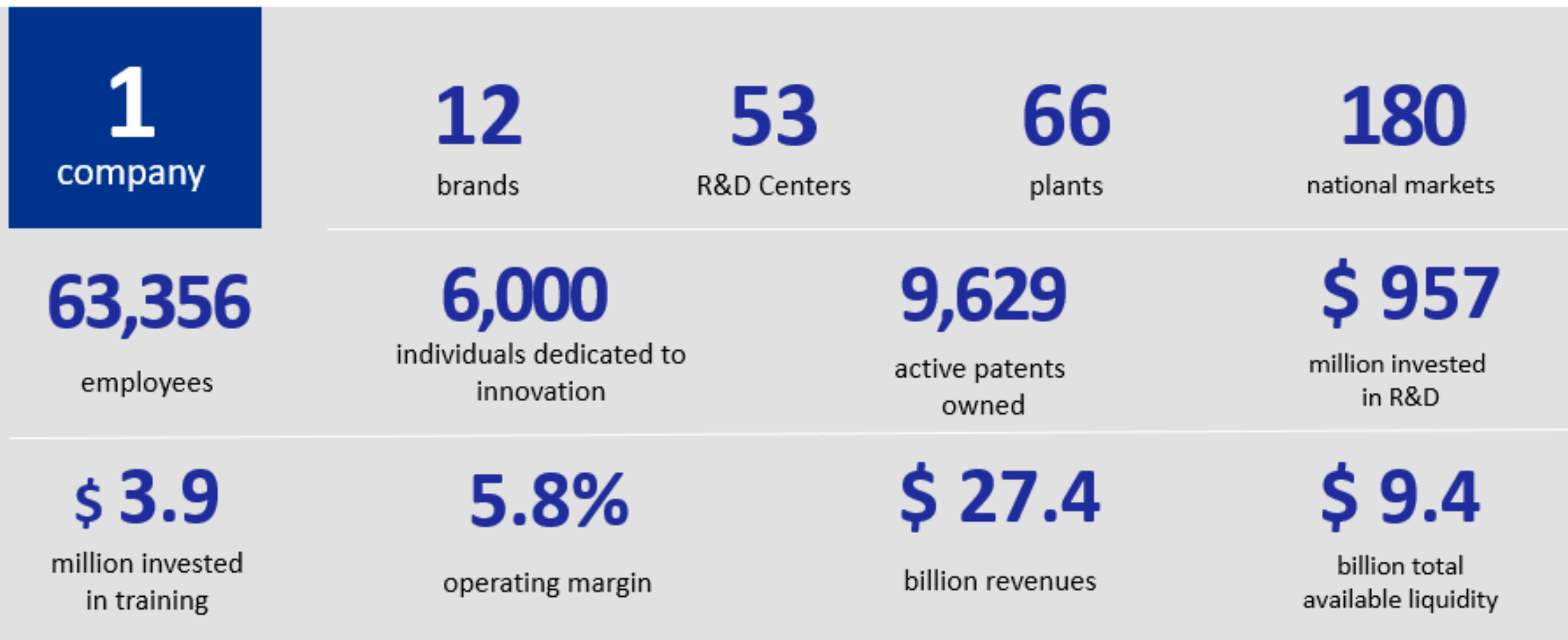


Financial Services



CNH Industrial

Key figures (31 Dec 2017) – US Dollars



Note: reported figures are not the official consolidated data under US GAAP \$ since they have been translated in local currency for presentation purposes.

Uniquely diversified across **products** and **geographies**, in **180 countries**

Global leading player in **agricultural equipment** segment

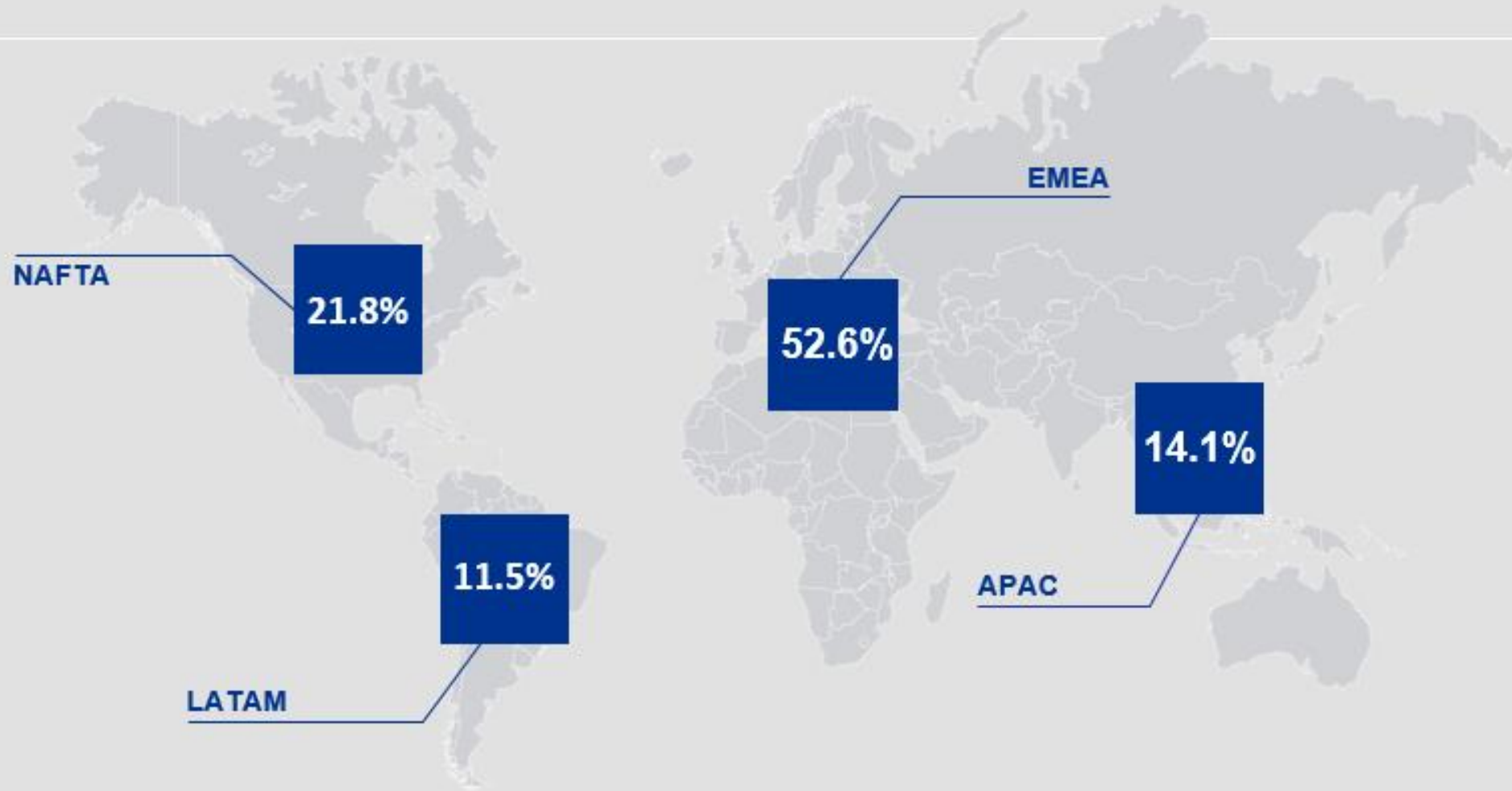
Strong position for growth in **developing markets**



Global #4 capital goods company, supported by continuous **innovation** and **R&D**

Leading powertrain technology with **global scale** in **light-, medium- and heavy-duty diesel engines**

Global player in manufacture of **construction equipment** and **commercial vehicles**



¹ Including financial services and after inter-company eliminations

Basildon Video

Tractor Production History

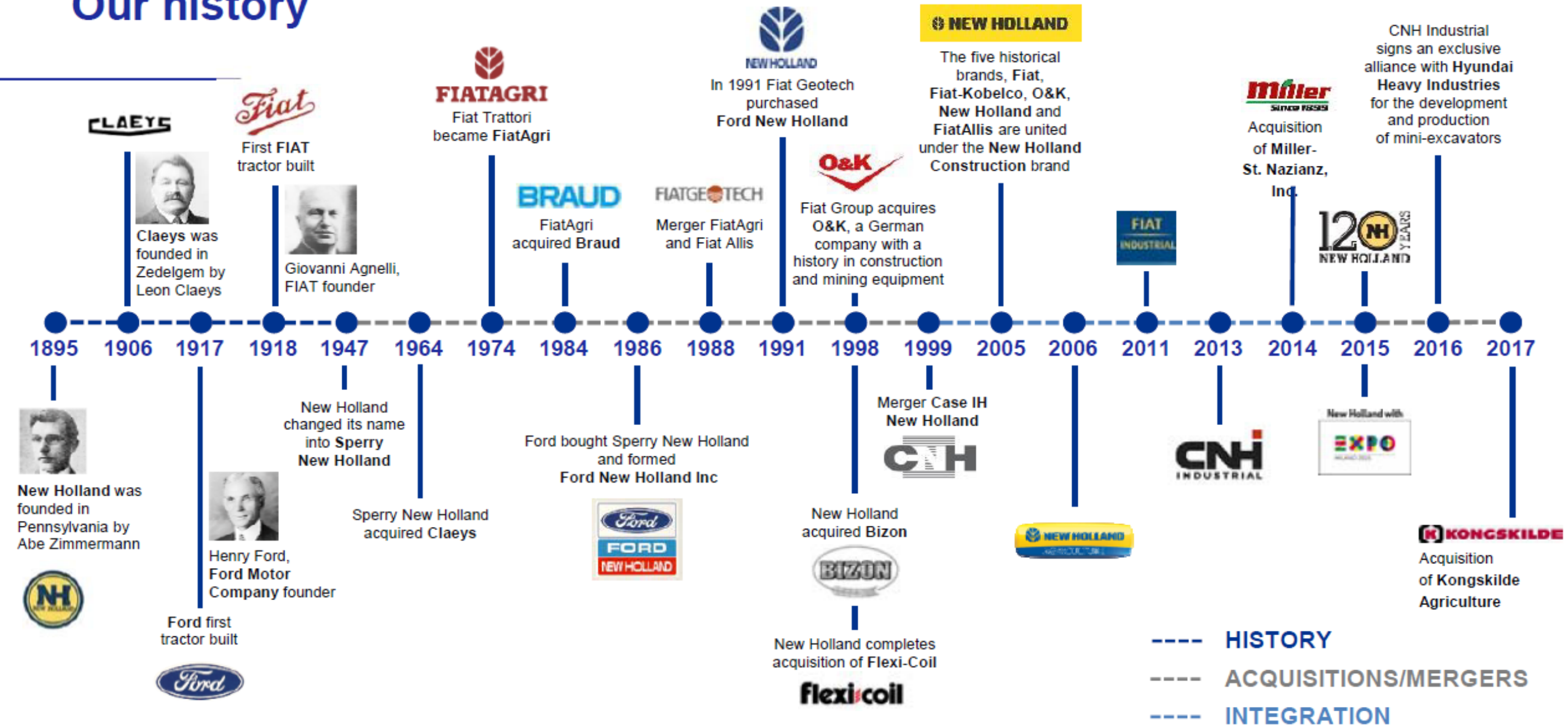
Over 100 years Building Tractors



*"I Have followed many a weary mile behind a plough, and I know
all the drudgery of it"*

Henry Ford

Our history



Tractor Production History

Over 100 years Building Tractors



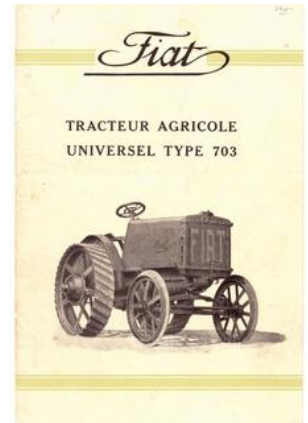
FORDSON

- Model F production 1917
- First tractor shipped from the USA



FIAT

- Prototype Fiat No 1 1917
- Fiat 702 production 1918



European Tractor Production History

Over 100 years Building Tractors

ITALY

- Production started in 1918 Corse Danta, Turin
 - Model 702 30hp
 - 1000 units per year
- Moved to Modena in 1932
 - Produced tractors up to 90 Series and Winner
 - Now a New Holland transmission and axle plant
- Jesi opened 1975
 - Produces T5, Utility and Speacility tractors
- Terracotta phased out in favour of New Holland blue



Corse Danta , Tur in



Modena



La Piccola



The Heritage



The Winner

European Tractor Production History

Over 100 years Building Tractors

CORK, IRELAND

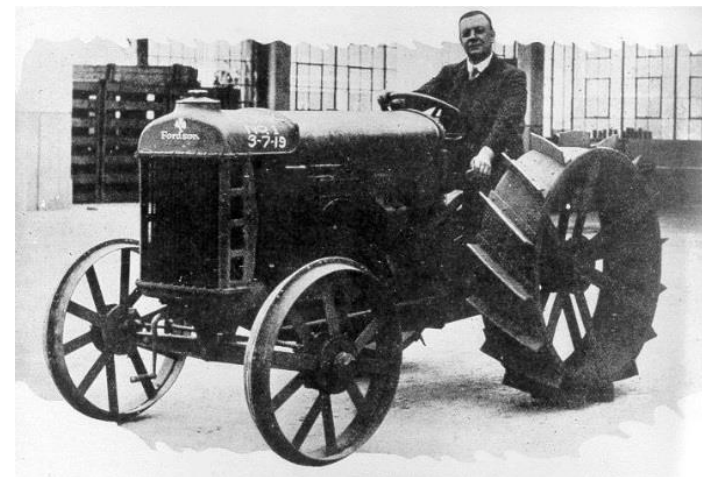
- Tractor Production 1919 – 1922, 1928 – 1945
- In 1928 Cork became Henry Ford's only tractor plant, exporting to USA
- Became the largest tractor plant in the world
- Produced cars, building the very last Model T Ford
- Ceased manufacturing cars in 1984

1930 Dealer advert

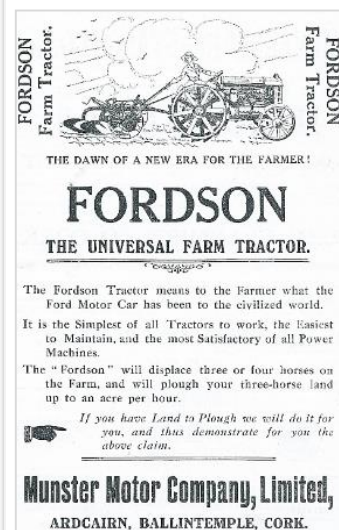
"The Fordson will displace three or four horses on the Farm, and will plough your three-horse land up to an acre per hour"



Production Line Cork



Fordson No. 1, The first Fordson Tractor manufactured in Cork, 3rd July 1919



Fordson Riverside Plant Cork

European Tractor Production History

Over 100 years Building Tractors

DAGENHAM, UNITED KINGDOM

- Tractor Production 1932 – 1964
- During the WW2 136,000 Model N tractors were built
- Production in 1963 was 83,182 units, 75% exported to 101 countries
- Production was at capacity and needed to increase
- Ford decided to restructure tractor production, leaving Dagenham to focus on car production
- Final volume of tractors produced at Dagenham was 1,159,365 units



Dagenham Production Line, 1952



London Docks, 1960



2.5 Millionth Fordson 1957



European Tractor Production History

Over 100 years Building Tractors

BASILDON, UNITED KINGDOM

- Production 1964 – Current
- Ford tractor production focused on Basildon, Antwerp and Detroit
- Component manufacturing was shared and shipped around the 3 plants
 - Basildon: Engines and 3 point lift
 - Antwerp: Transmissions and rear axles
- Upon opening Basildon chosen as the new centre for worldwide production

Production Facts

- 3.1 million engines (production ceased 2008)
- 1.7million tractors produced



Basildon Plant 1965



Storage pad



Administration Building



Lorry Park

The 60's

Rolling Out Mechanisation

1964

Basildon Production begins

37 hp – 65 hp

2000, 3000, 4000, 5000 Series (6X)

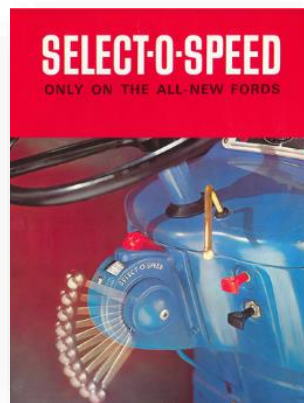
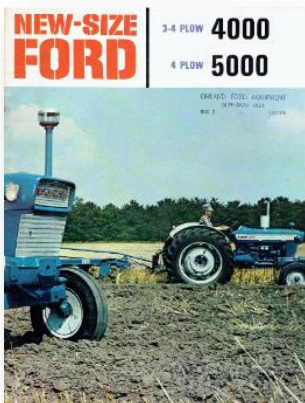
1966 5000 £1,066
Select-O-Speed £165
Power Steering £50



1968

Up-rated 1000 Series (6Y)

More horsepower,
more hydraulic
capacity



The 70's

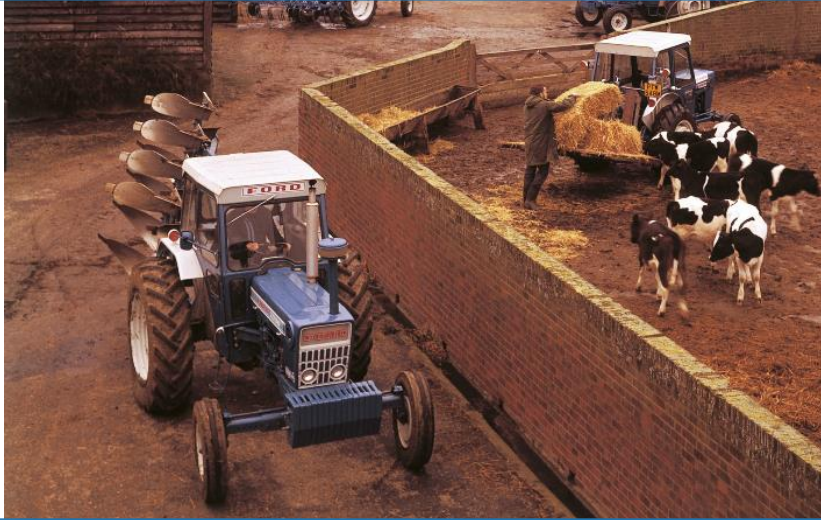
Turbo Power & Dual Power

1971

7000 Worlds first
turbo-charged
production
Tractor

1974 7000 £3,426

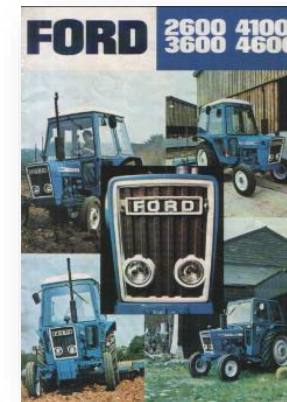
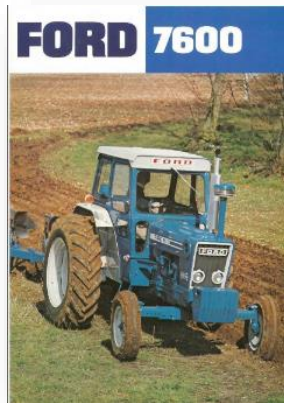
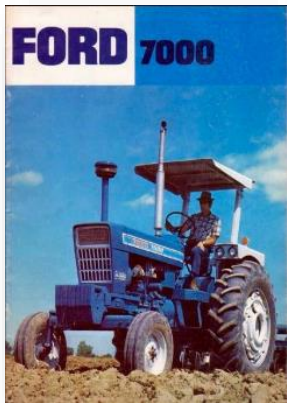
Dual Power



1975

2600 - 7600
Range Up-rated
1000 Series

1977 8700 £12,143



The 80's

A Decade of Series 10

1982

Series 10

3610 – 8210

8210 £17,756

Synchroshift
Rubik's Cube'

1986

Ford New Holland
created



1986

Series 10

Force II

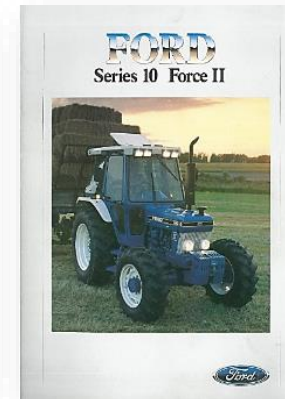
8210 £27,294

1989

Generation III



Ford Series 10 Tractors
3, 4 and 6 cyl. Models 44hp to 115hp.



The 90's

New Series, New Company

1990

Series 30 3930-5030

1991

Series 40 5640 - 8340

PowerStar engine

1992 9340 £41,446

1993

New Holland company name



1996

M/60 Series

World tractor

Ford & FiatAgri Branded

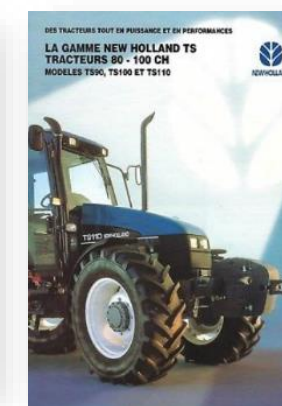
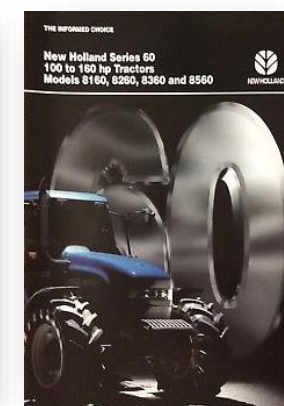
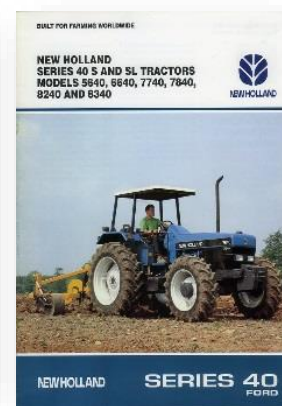
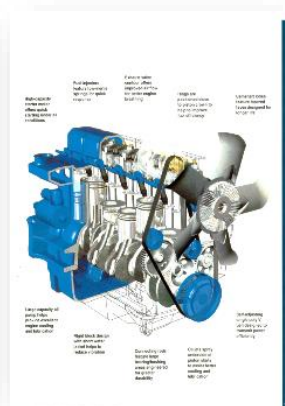
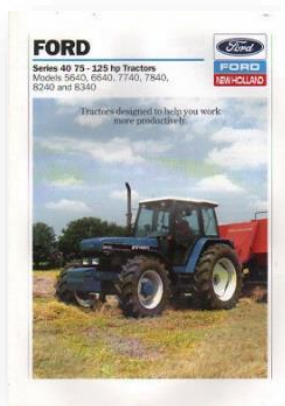
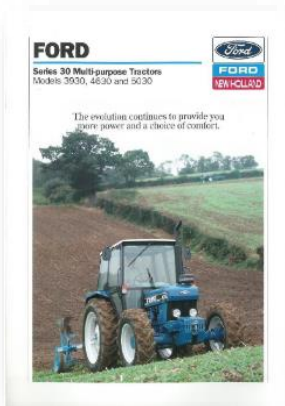
100 – 160 hp

1998

TS Series

80 -100 hp

1999 8560 £50,572



The 00's

Power and Emissions

2000

Series TM

115 - 160 Hp

Cab & axle suspension,
full powershift

2002

Series TM Upgrade

120 -190 (LWB)

Power boost

TM190 £56,402



2003

Series TS-A

100 - 136 Hp

Horizon cab

2007

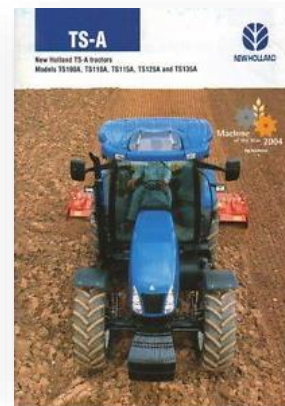
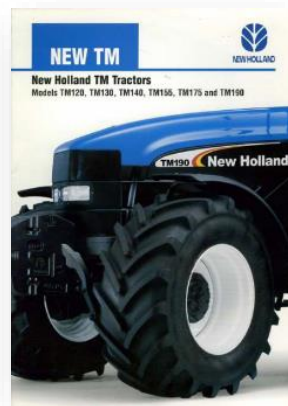
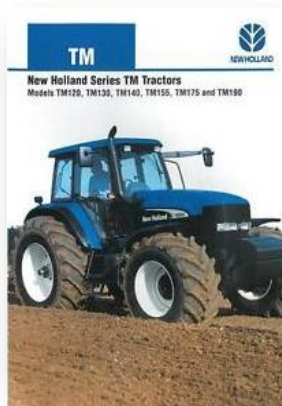
Series 7000

165 – 220 Hp

2009

Auto Command CVT

7070 £104,400



The 10's

The Advance of Technology

2011

SCR engine technology

T7 SWB

120 – 165 Hp

SWB Auto Command

T7 LWB

165 – 230 Hp

T7.270 £125,734

2013

T6 Auto Command



2014

50 Years of Basildon

2015

T7 Heavy Duty

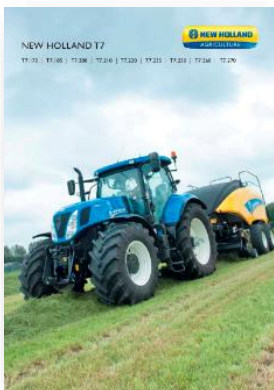
290 and 315 Hp

Basildon Largest

T7.315 £

2017

T6 Dynamic Command



T7 Standard Wheelbase



Model	Rated hp	Wheelbase mm	Weight kg
T7.175	140	2734	6750
T7.190	150	2734	6750
T7.210	165	2734	6750
T7.225	180	2734	6750

T7 Long Wheelbase

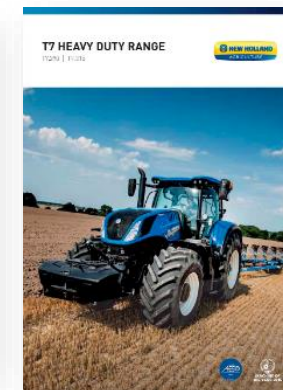


Model	Rated hp	Wheelbase mm	Weight kg
T7.230	180	2884	8140
T7.245	200	2884	8140
T7.260	220	2884	8140
T7.270	240	2884	8140

T7 Heavy Duty



Model	Rated hp	Wheelbase mm	Weight kg
T7.290	271	2995	10,500
T7.315	300	2995	10,500



Basildon Fact File

Then and Now



1964

THE SITE

- Area – 40 ha
- Personnel – 4000
- Building – 12.65 ha

THE PLANT

- Monorail – 2 km
- Incoming tonnage – 800 per day
- Forklift trucks – 31

THE PRODUCTION

- Models – 4
- Power range – 37 to 65 hp
- Components – Engines, front axles, hydraulic lift

THE CONSUMABLES

- Paint – 1800 l per day
- Oil – 37,000 l per day
- Boiler fuel – 4000 l oil per day
- Electricity – 20,000 KVA (max)
- Water – 2.7m l per day



2019

THE SITE

- Area – 40 ha
- Personnel – 585
- Building – 12.65 ha
- Iveco - 176

THE PLANT

- Monorail – 2 km
- Incoming tonnage – 1,100 per day
- Forklift trucks – 25
- Auto Guided Vehicles – 21

THE PRODUCTION

- Models – 18
- Power range – 100 to 315 hp
- Components – Sub assembly of armrests, hoods, roofs

THE CONSUMABLES

- Paint – 450 l per day
- Oil – 1000 l per day
- Boiler fuel – 9700 m³ gas per day
- Electricity – 46,500 kWh per day
- Water – 1.4.m l per day
- Air conditioning fluid – 200 kg per day



Basildon Tractors Today

Range Overview

T6



45%



Production

RANGE



120 to 180 hp

7 models



Electro Command 16x16, 17x16 - 4 speed PS

Dynamic Command 24x24 – 8 speed PS

Auto Command CVT



S, Classic, SideWinder II

CUSTOMER REQUIREMENTS

- Versatility
- Wide specification choice
- Front loader option
- Manoeuvrability

T7



25%



Production

STANDARD WHEEL BASE



140 to 225 hp

5 models



Range command 18x6, 19x6 - 6 speed PS

Power Command 18x6, 19x6 - Full PS

Auto Command CVT



S, Classic, SideWinder II

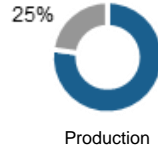
CUSTOMER REQUIREMENTS

- High power to weight ratio
- Comfort and visibility
- Choice of technology
- Manoeuvrability

Basildon Tractors Today

Range Overview

T7



LONG WHEEL BASE



140 to 225 hp

6 models



power Command 18x6, 19x6 - Full PS
auto Command CVT

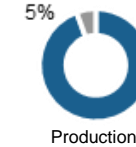


S, Classic, SideWinder II

CUSTOMER REQUIREMENTS

- Comfort, road and field
- High power in compact dimensions
- Focus on ownership cost
- Increased Automation

T7



HEAVY DUTY



250 to 315 hp

3 models



auto Command CVT



SideWinder II

blue power



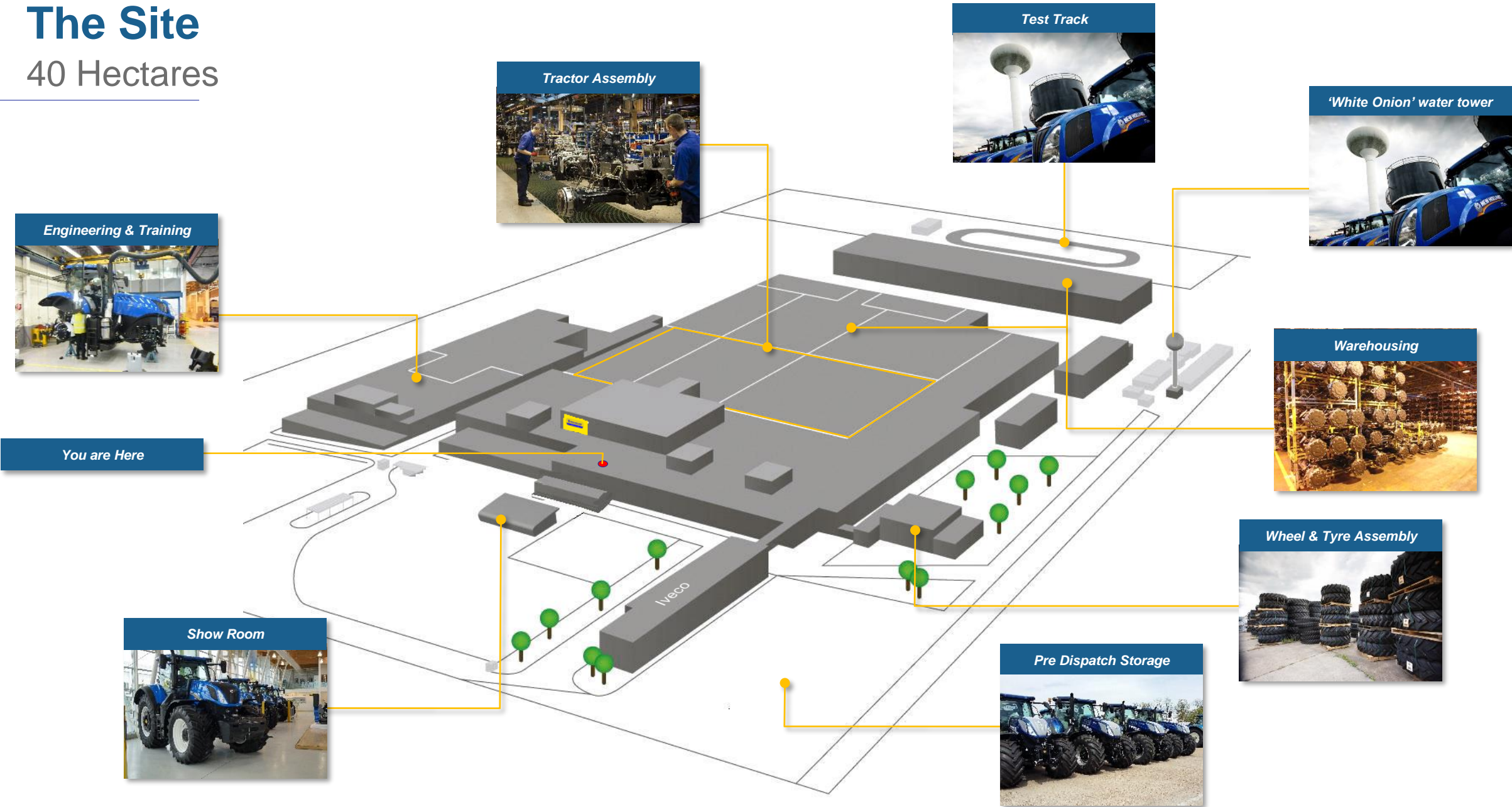
CUSTOMER REQUIREMENTS

- High output whatever the task
 - Draft, haulage and PTO
- High level of Comfort
- Focus on ownership cost
- Increasing need for PLM and automation features



The Site

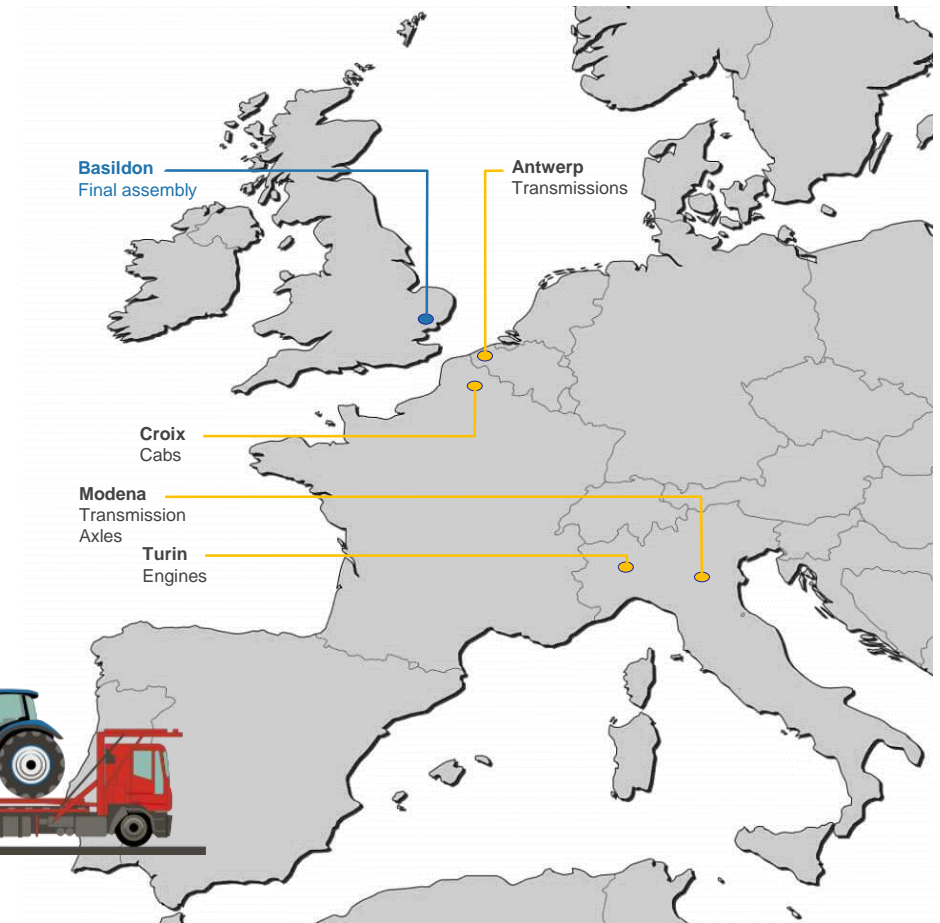
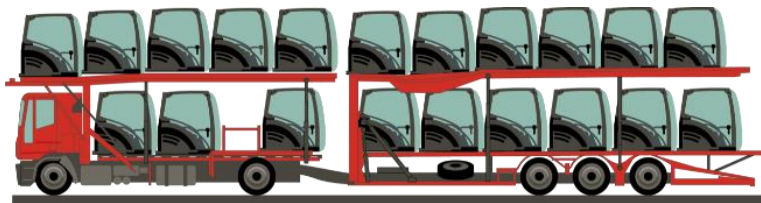
40 Hectares



Supply Chain

Our Components from Our Plants

- Basildon has always been supplied daily from sister New Holland Plants
 - Antwerp – Transmissions
 - Croix – Cabs
 - Modena – Transmissions and front axles
 - Turin - Engines
- Logistical planning ensure that the key components arrive simultaneously for each individual tractor
- Components ordered with sister plants **6** weeks prior to tractor production
- Efficient haulage network has been created, eliminating empty returning lorries



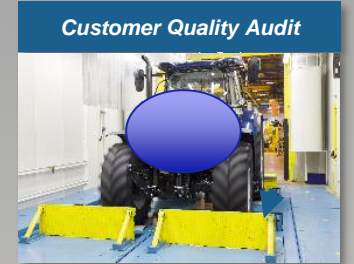
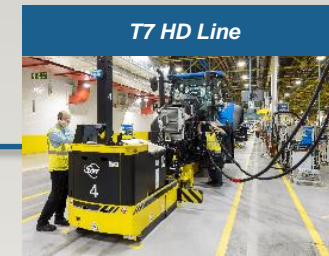
- Global Manufacturing situated in the key regions for the product



The Blue Line

Tractor Assembly Area Detail

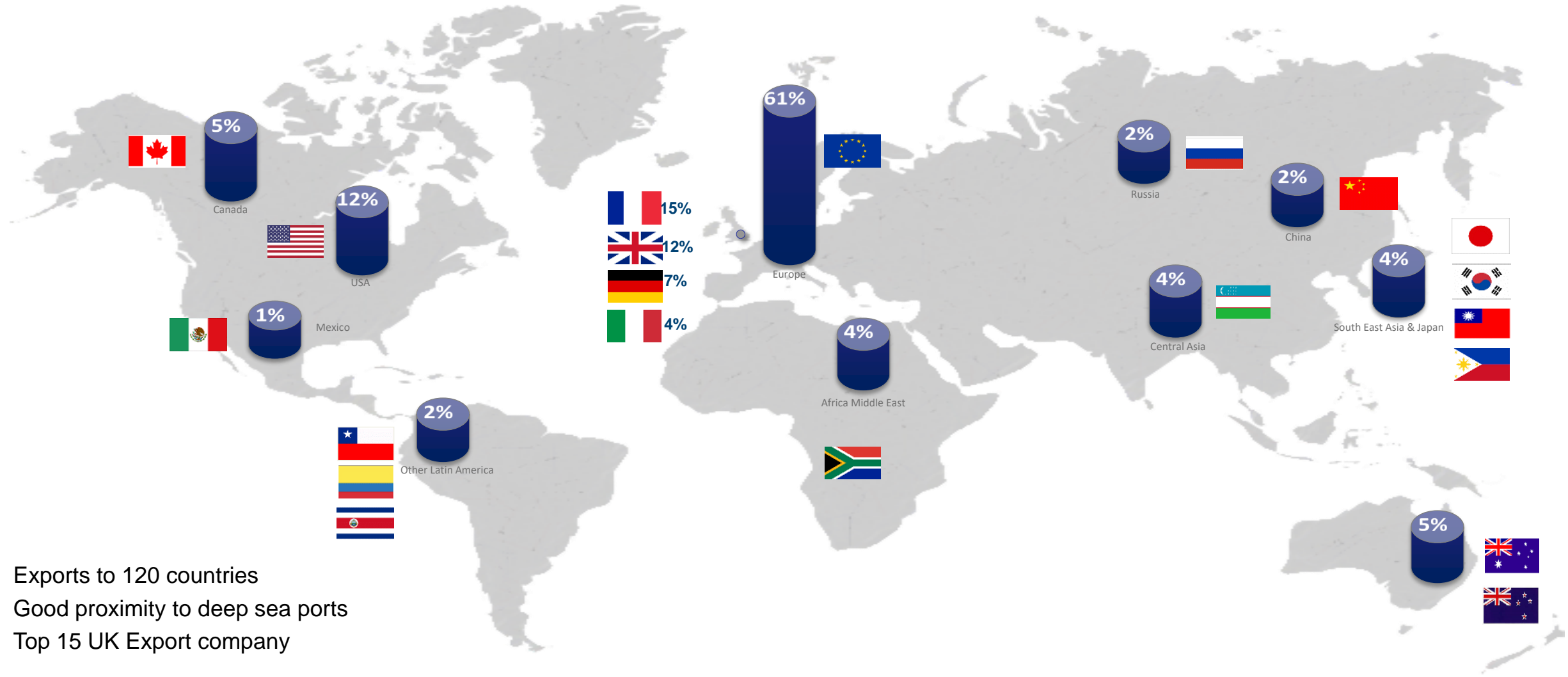
- 2.0 km in length
- Just under 500 people
- 1.75 days per tractor



Click on pictures for details

Basildon Global Footprint

Tractor Exports



- Exports to 120 countries
- Good proximity to deep sea ports
- Top 15 UK Export company

Health & safety

- ▶ Always follow your tour guide and keep within the yellow lines
 - ▶ Be cautious of on-site traffic
 - ▶ If the fire alarm should ring, follow your tour guide quickly and safely to the exit
 - ▶ Take a visitor jacket
 - ▶ Safety Glasses are mandatory
-
- ▶ There is:
 - ▶ No photography
 - ▶ No mobile
 - ▶ No video
 - ▶ No smoking
 - ▶ No food or drinks



Enjoy your plant tour!



Remember to follow us on our socials!

Facebook: NHAgriUKandROI

Twitter: NHAG_UKandROI

Instagram: NewHollandAg_UKROI





NEW HOLLAND

AGRICULTURE