



Maximal rough terrain forklif

2018-01-02 14:00PM

Contents

01

Origin

02

Evolution

03

Achievements

04

Applications

05

Competition Strategies

Origin



No differential lock



2012

Australian distributor's feedback

No one produced real RTF in China

Maximal wanted to make something different

Evolution_Milesotnes

2012

2WD 1.8T-
5.7T with LSD
to 100%
differential
lock



2014

4WD 1.8T-
3.5T with
hysdrostatic
transmission



2015

Compact
4WD 1.8T-
3.5T with
hydraulic
transmission



**Coming
soon**

Compact
4WD with
hydrostatic
transmission



Evolution_Detours

01

LSD

Limited Dlip Differential lock in 2WD; improved to Full Diff. Lock

02

Full Diff. Lock

Differential lock quality problem in 2WD; Recall issue

03

4WD Hydrostatic

Too wide, too expansive, too big turning radius

05

C. 4WD Hydrostatic

High performance, higher configuration, compact truck body, plan to sell this model under HYG brand

04

C. 4WD Hydraulic

Transmission & axle with patent, good shape, good performance, good price

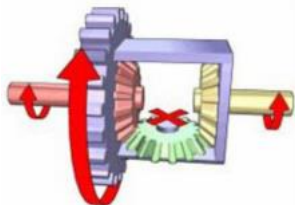
But, batch quality issue with steering axle bushing; recall due to overheat problem; improved

Evolution_2WD RTF

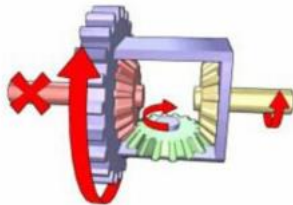
Capacity:
1.8T, 2.5T,
3.5T, 5.0T

100%
differential
lock

Floating
OHG



[differential lock does not work
in the condition of going straight]



[differential lock does work
in the condition of turning]

Yanmar,
Mistubishi,
Perkins
engine.

PERKINS 1104C-44TA

Rated output 74.5kw/2300rpm >

Rated torque 415N.m/1350rpm >



Evolution_4WD hydrostatic

Capacity:
2.5T, 3.5T

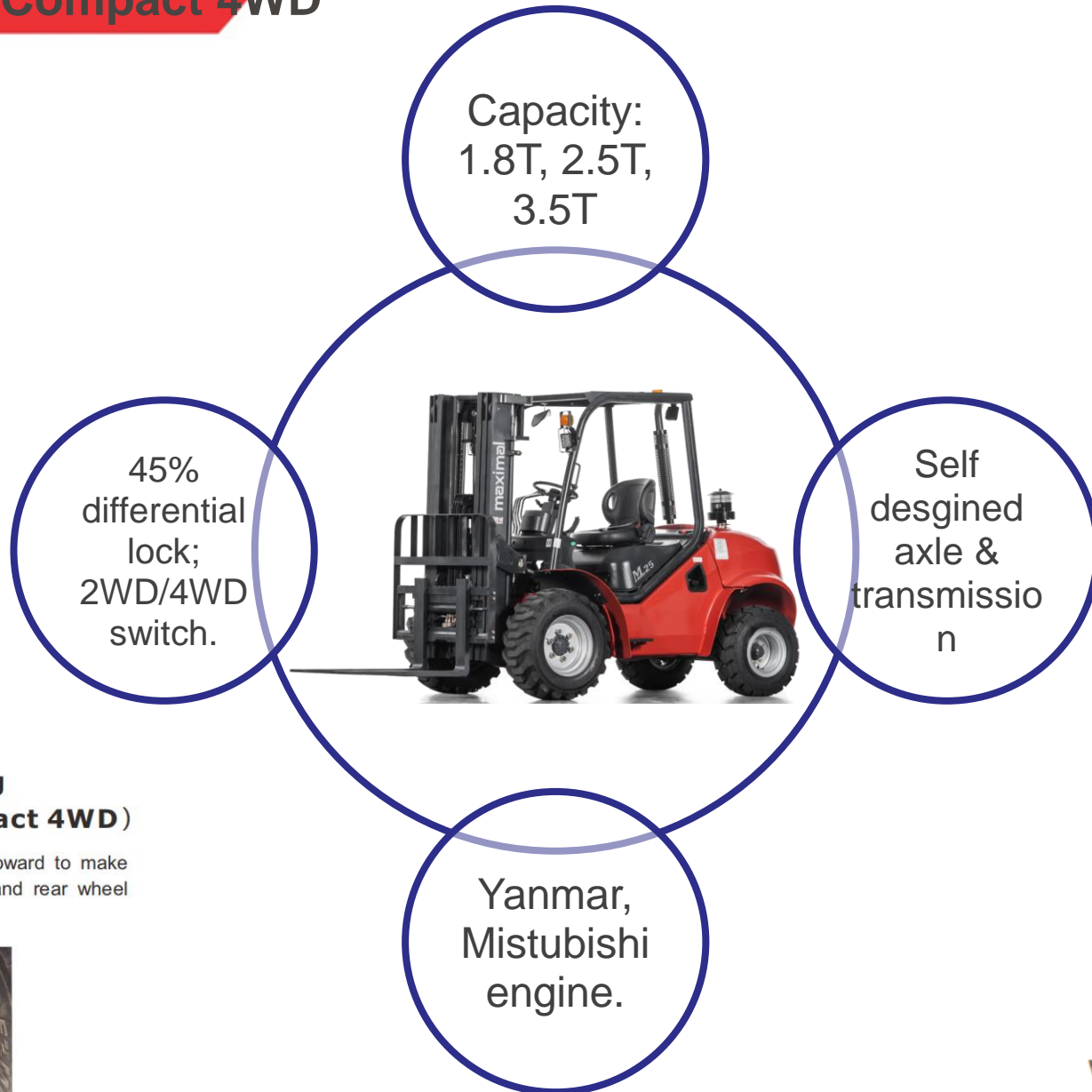
DANA
integrated
trans-axle;
Danfoss
hydrostatic;
tilting cabin

45%
differential
lock;
2WD/4WD
switch.

Yanmar,
engine.



Evolution_Compact 4WD



Upward Steering Cylinder (Compact 4WD)

Lay the steering cylinder upward to make the turning radius smaller and rear wheel steering angle bigger.



Applications

1. Farming

RTF can replace industrial forklifts to work in farming such as vegetable cultivation, fruit harvest and potato harvest, etc.

Maximal Australian distributor use Maximal 2WD RTF to compete with TOYOTA industrial in farming.



Applications

2. Building materials

RTF can be used to transport building materials.

Below picture is from our New Zealand distributor.



Applications

3. Livestock industry

RTF can be used to handle caged poultry, grab feeding stuff with clamp and clean gounds with bucket.



Applications

4. Forestry industry

RTF can be used to handle timber in forestry industry.



Applications

5. Mining industry

RTF can be used in mining areas.



Applications

6. Construction site

RTF can be used on construction sites which takes some of the market share of telehandler.



Applications

7.

In South America, many clients modify wheel loader or tractor into RTF. But, it has too big size with less flexibility and it's unprofessional.

We can win this market with a little bit higher price than that of wheel loader types, but much competitive comparing with MANITOU or AUSA.



Applications

8. industrial forklifts with tyre chains

In regions with heavy snow in winter, people fix tyre chains on industrial forklifts to work in snow.

We can win this market with a little bit higher price than that of industrial forklifts, but much competitive comparing with MANITOU or AUSA.



Achievements



1.8-5.0T 2WD



1.8-3.5T compact 4WD



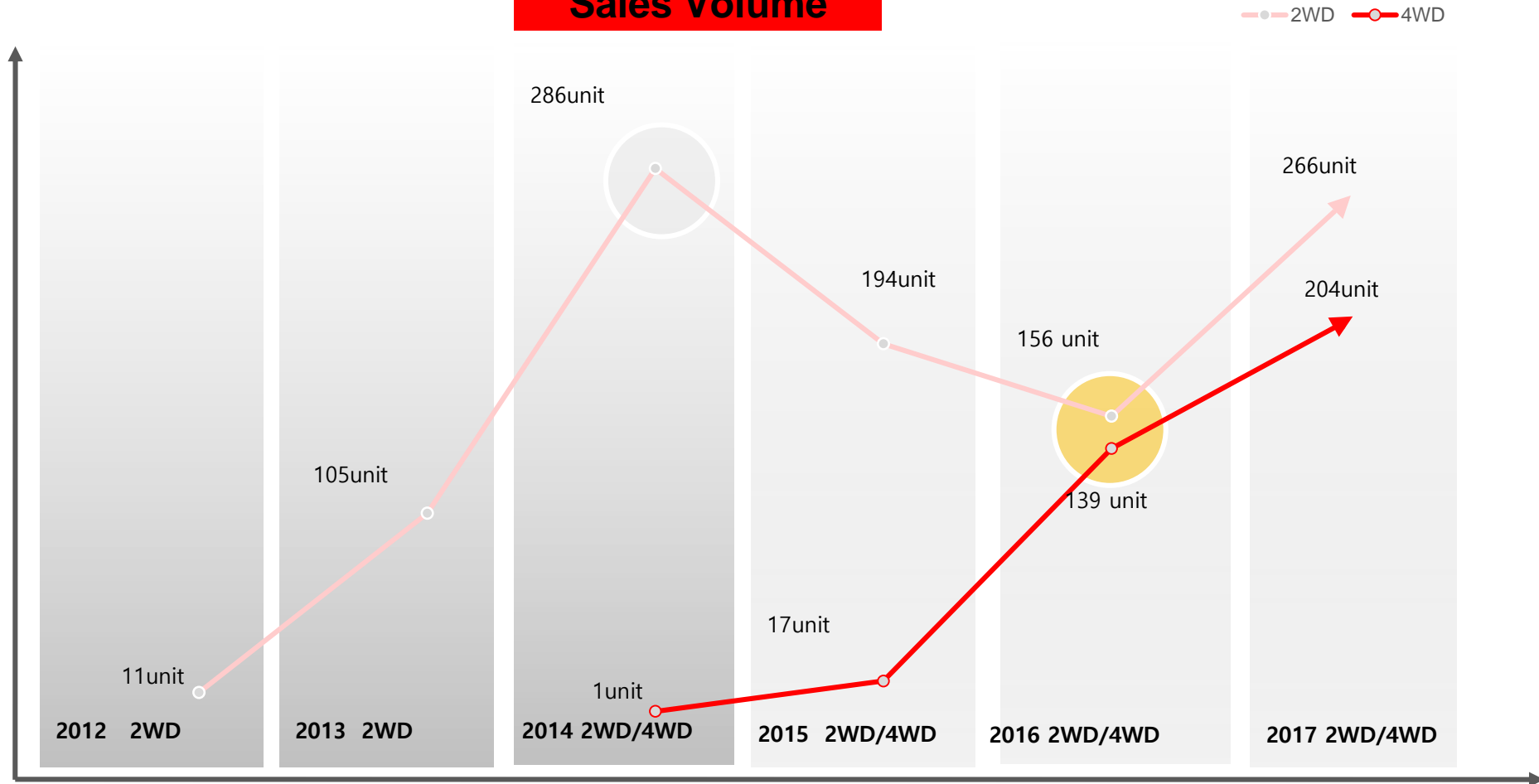
2.5/3.5T hydrostatic 4WD



2.5T compact hydrostatic 4WD

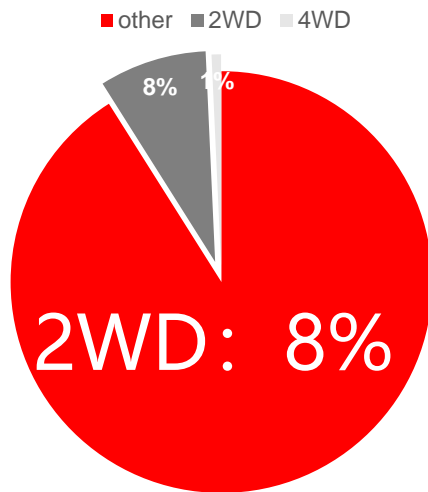
Achievements

Sales Volume

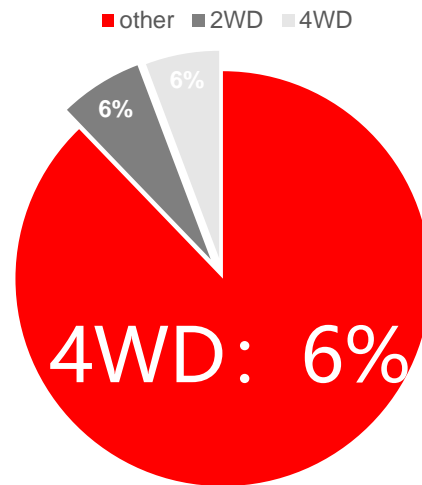


Achievements

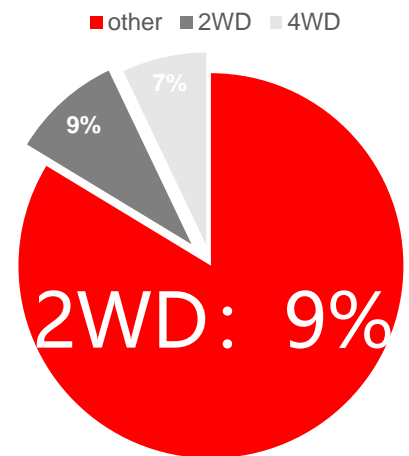
Industrial VS RTF in Maximal



2015

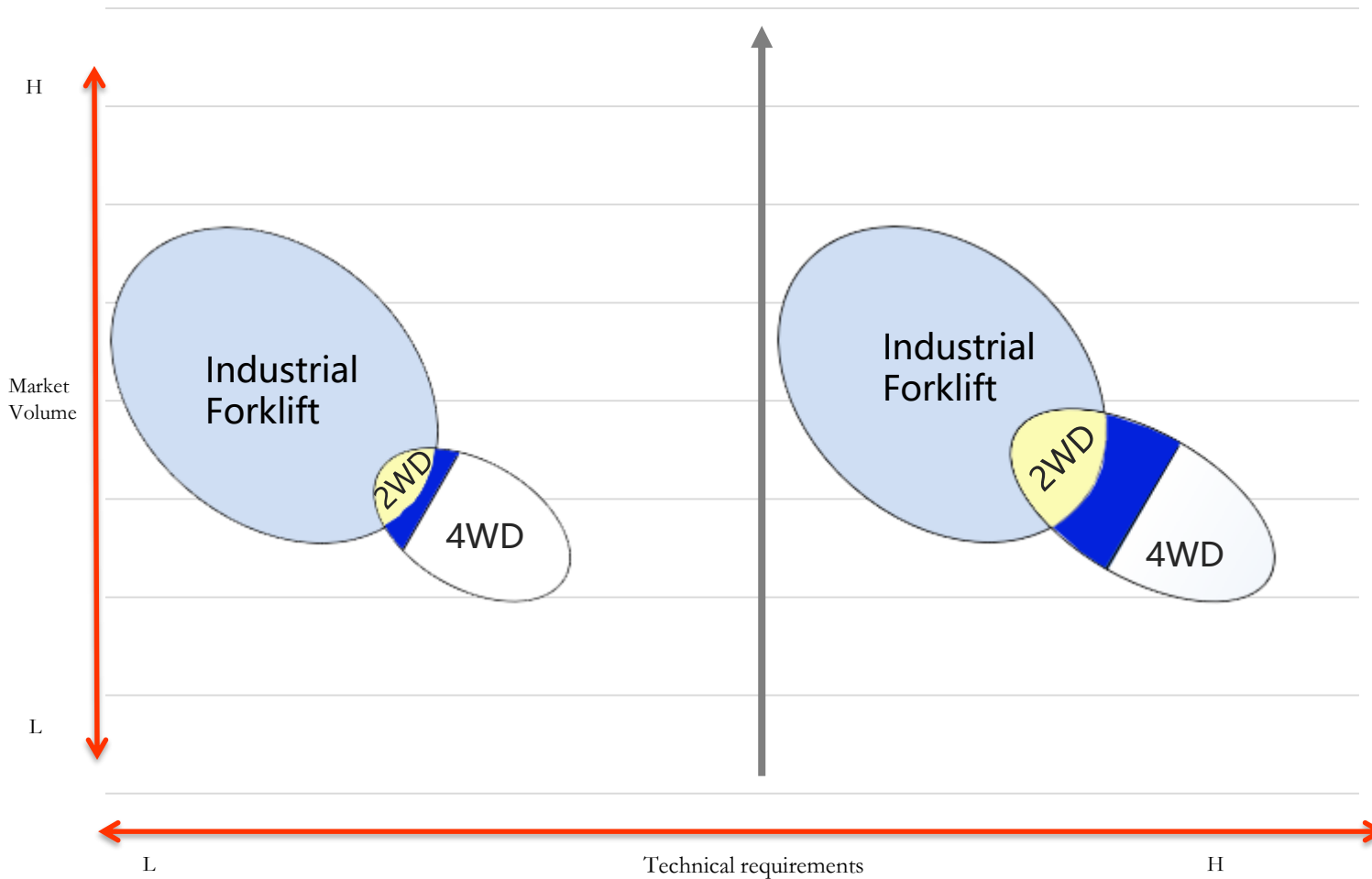


2016



2017

Competition Strategic



Summary:

- 1) Maximal RTF can compete with industrial forklift in farming industry.
- 2) Maximal RTF can compete with MANTITOU/AUSA in rough terrain and telehandler industry.
- 3) Customers need to be trained to replace their wheel loader changed RTF to Maximal RTF.

THANKS!

maximal



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