



NEOTERRA

Drive Towards The New World

445/50R22.5 Truck Tires Series

TBR Performance Description



— **NEOTERRA** brand is the premium brand that KETER company newly launched at beginning of 2017, which is aiming at the most professional TBR.

In order to meet market demand, our R & D team had developed the Winter Truck Tires for the North American and Europe market.



NEOTERRA

NT355 445/50R22.5

445/50R22.5 Truck Tires Series



NEOTERRA



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NT355

445/50R22.5

PATENT

Unique Sidewall Design



中华人民共和国国家知识产权局

英文刊名:

266071

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青岛华慧泽专利代理事务所(普通合伙) 沙莎 0532-80796109, 刘娟
0532-80796109

2017年12月30日



申请号或专利号: 201710685137.X 发表序号: 2017123400376093

专利申请受理通知书

根据专利法第 28 条及其实施细则第 38 条、第 39 条的规定,申请人提出的专利申请已由国家知识产权局受理。现将确定的申请号、申请日、申请人和发明创造名称通知如下:

申请号: 2017200605137. X
申请日: 2017 年 12 月 19 日
申请人: 青岛凯特轮胎有限公司
发明创造名称: 轮胎 (NT353)

外观设计专利申请书 每份页数3页 文件份数2份
外观设计专利说明书 每份页数2页 文件份数1份
专利代理委托书 每份页数2页 文件份数1份



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Tire Use One Tire = Duals



445/50R22.5

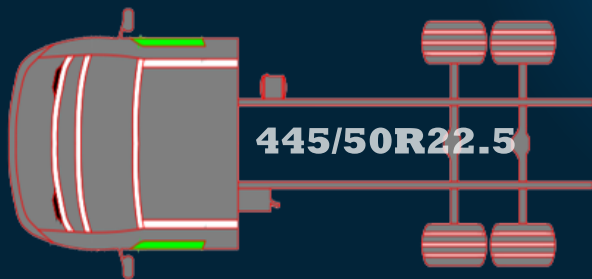
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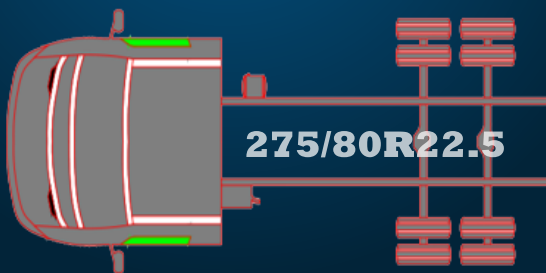
275/80R22.5

×

2



445/50R22.5



275/80R22.5

SIZE

275/80R22.5

445/50R22.5

LOAD

3075/2800

4625

LOAD INDEX

147/144

161





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Single Tire

Lower weight



106kg
One Tire+Wheel

36kg

$71\text{kg} \times 2 = 142\text{kg}$
 $2 \times (\text{Tire} + \text{Wheel})$

**Technical
data**

**Ordinary
tire**

**Wide base
tire**

SIZE

275/80R22.5

445/50R22.5

Tire&Wheel Weight

71KG/Pc

106KG/Pc

Quantity

8

4

Total mass

$71 \times 8 = 568\text{kg}$

$106 \times 4 = 424\text{kg}$

Weight difference

144kg

33.96%

Tires weight advantage



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Single tire

Better Oil consumption



445/50R22.5



Smaller tyre rolling resistance ensures better performance, the tyre enjoy less oil consumption based on the lowest ground pressure.



Single tire enjoys better fuel-efficient!

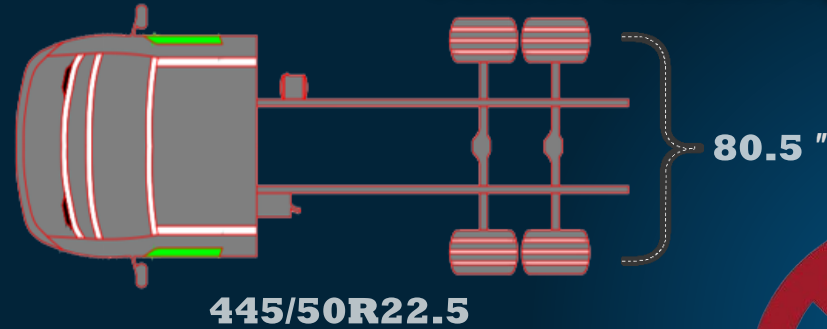


NEOTERRA

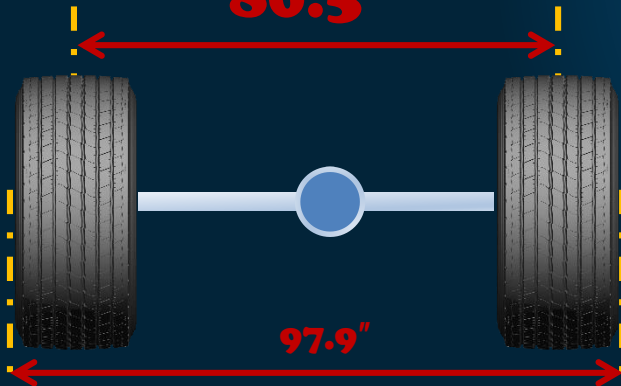
Drive Towards The New World

Single Tire Better Stability

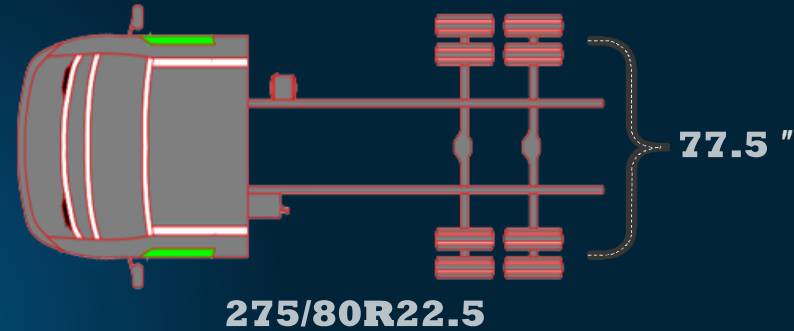
Single tire instead of duals, Wider tire center distance, Better vehicle stability



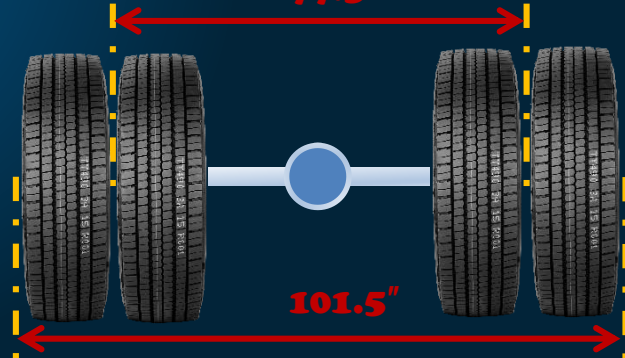
80.5"



Greater center distance ensures better stability



77.5"

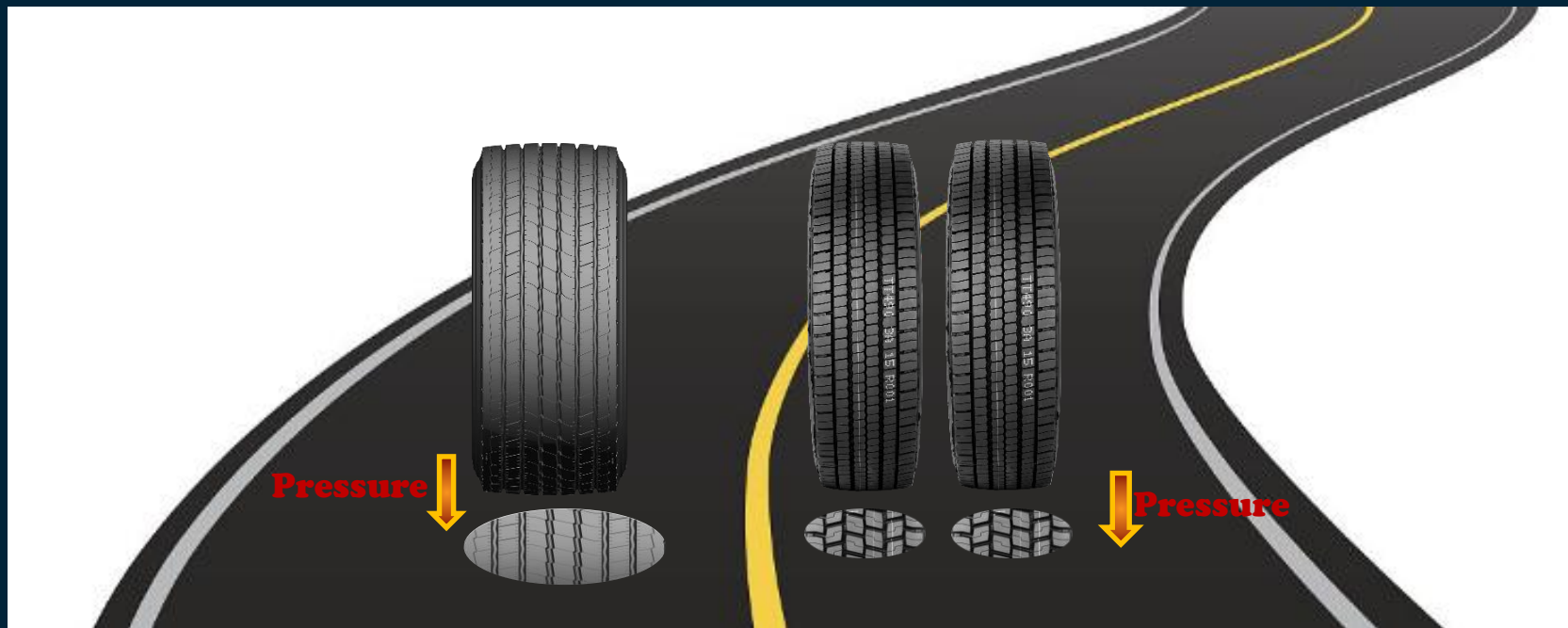




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Drive Towards The New World

Single Tire better road protection



Pressure to the road

445/50R22.5



275/80R22.5



JAPAN BB430

Rubber Mix Lines



IHI from JAPAN

Rubber Calender Lines



TROESTER from GERMANY

Extrusion Lines for Tread and Sidewall



ONE-TIME EXTRUSION AGGREGATES

For Tread, Sidewall and Apex



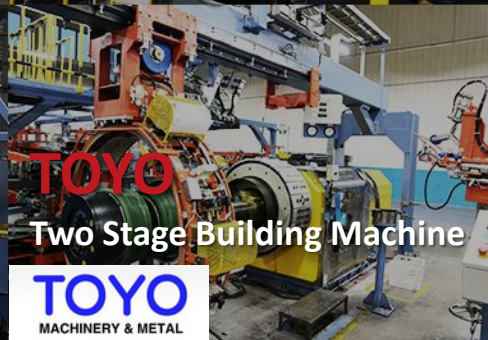
GERMANY FISCHER

Cord Cutting Lines



VMI VAST

4 Drum Building Machine



TOYO

Two Stage Building Machine



Professional & Exclusive Production Line

VMI, TROESTER, KOBELCO brand manufacturing equipment for more stable performance in balance & quality.

It is the key factor to pass certificates of ECE, Reach, Smartway, GCC and SMITHERS, etc.



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About NEOTERRA

NEOTERRA means a new land; the land is full of dream and wonder.

NT (for short) Series also represents the New Technology.

NT , a new surprise, just like Columbus discovering the New World.

 **May the NeoTerra
be with you on your ways
Thanks**



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