



Tyre Changer TC / TTC

car, motorcycle, truck

Car-wheel service easy and fast



From the beginner up to the professional tyre service workshop Nussbaum TC - the right choice for your tyre service

TC 410

The fully automatic tyre changer for the professional tyre service! Suitable for tyres of passenger cars, motor bikes and light trucks with a rim diameter of 12" to 26" and rim width of 340 mm. The height of the turntable can be adjusted. There are 2 different working positions, thus the most ergonomic working position can be chosen. The mounting head is pneumatically adjusted at the rim in vertical and axial direction.

The TI (= tyre inflation) version enables to fill tyres by injecting pressurised air between bead and rim. Via 4 bores in the four rim clamps compressed air is forced between the rim and the tyre. Special covers for the protection of alloy rims are part of this package.



Technical Data TC 410

Inside clamping range (inch):	14 - 26
Outside clamping range (inch):	12 - 24
Rim width (inch):	3 - 13
Max. tyre diameter (mm):	1030
Bead braking range (mm):	50 - 400 / 100 - 400
Working pressure (bar):	8 - 10
Mains Voltage (V/Hz):	400/50

Basic equipment

- Self-centering four-jaw chuck
- Turntable with two pneumatic cylinders
- Pressure regulator with water filter & lubricator
- Safety valve (tyre pressure max. 3.5 bar)
- Clockwise and anticlockwise rotation of turntable
- Plastic protectors for mounting head, jaw chucks, bead breaker, tyre lever



Turntable with two working heights



Pneumatic positioning of the mounting head



Bead breaker

Technics & Function



TC 310

This tyre changer provides easy handling and high comfort: with the 2-speed-turntable tyres can be demounted/mounted faster and easier. The arm is tilting back and forward pneumatically operated by a footpedal.



- High ease of use and simple handling of all tyre changers
- Safeguard the investment due to the modular extension capability of the machines
- The extensive range of accessories enables mounting and demounting of all commercially available tyres
- The plastic protectors which are part of the scope of delivery enable mounting and demounting of alloy rims without the risk of damaging

Technical Data

TC 310

Inside clamping range (inch):	13 - 25
Outside clamping range (inch):	11 - 22
Rim width (inch):	3 - 13
Max. tyre diameter (mm):	1100
Bead braking range (mm):	45 - 390
Working pressure (bar):	8 - 10
Mains Voltage (V/Hz):	400/50

Car-wheel service easy and fast



TC 210

Semi-automatic tyre changer with pneumatic tilting post (back/forward). Simultaneous pneumatic locking of the horizontal and vertical arm maintaining the mounting head distance to protect the rim. In connection with the optional PT 250-system you will be able to demount/mount all tyres including low profile and RUN-FLAT tyre from 11" to 25".



TC 110

The standard tyre changer for an easy and rapid handling of rims from 10" to 22". TC 110 is a semi-automatic tyre changer with a side swing mounting arm. It moves downwards manually to the rim and will be blocked mechanically. The robust turntable is equipped with four self-centring chuck jaws and two pneumatic cylinders. The turntable is driven electrically and turns clockwise and anticlockwise.

Technical Data	TC 210
Inside clamping range (inch):	13 - 25
Outside clamping range (inch):	11 - 22
Rim width (inch):	3 - 13
Max. tyre diameter (mm):	1100
Bead braking range (mm):	45 - 390
Working pressure (bar):	8 - 10
Mains Voltage (V/Hz):	400/50

Technical Data	TC 110
Inside clamping range (inch):	12 - 22
Outside clamping range (inch):	10 - 20
Rim width (inch):	3 - 12
Max. tyre diameter (mm):	1000
Bead braking range (mm):	40 - 330
Working pressure (bar):	8 - 10
Mains Voltage (V/Hz):	400/50

Specifications & Accessories



(Pic.: TC 410 with PT 250)

PT 250

The optional bead lifting and pressing device assures a safe and easy demounting/mounting of extra wide and low profile tyres. Additionally equipped with the PAX-accessory-kit KPX, all PAX-tyres can be handled on the (TC 210, TC 310, TC 410) .

(Approved by the PAX SYSTEM manufacturer association)

Specifications	TC 110	TC 210	TC 310	TC 410
Safety valve (tyre pressure max 3.5 bar):	✓	✓	✓	✓
Mounting head with plastic inserts to protect alloy rims:	✓	✓	✓	✓
Clockwise and anticlockwise rotation of turntable:	✓	✓	✓	✓
Double speed of the turntable (forward):	○	○	✓	✓
Turntable position adjustable in height:	○	○	○	✓
Self-centring four jaw chuck:	✓	✓	✓	✓
Side swing mounting arm:	✓	○	○	○
Tilting post per pedal (back/forward):	○	P	P	P
Horizontal and vertical arm locking:	M	P	P	P
Positioning of the vertical arm:	M	M	M	M/P
Quick exchange device for mounting head:	○	○	✓	○
Pressure regulator with water filter & lubricator:	✓	✓	✓	✓
Option bead lifting/pressing device PT 250:	○	✓	✓	✓
Option PAX-Kit (only in combination with PT 250):	○	✓	✓	✓

Further accessories on demand

M = manual
○ = not available in this configuration

✓ = pneumatic
= Standard equipment

Truck-wheel service robust & safe

Tyre service in no time at all Nussbaum - TTC – the comfortable solution for all light truck tyres

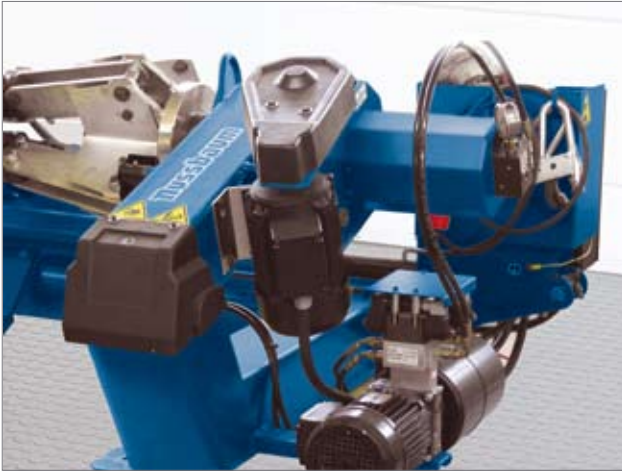


TTC 700

Tyres from 14" to 56" can be handled easily. This model offers the possibility to work in 2 directions and with 2 different speeds. All tools for bead breaking / mounting / demounting are on one movable arm. The operator can move the control console, which enables him to choose the optimal working position

- Extremely rugged
- Fast and safe clamping via self-centering jaw chuck
- High ease of use and simple handling
- Comfortable equipment
- Hydraulic actuation of all main functions

Technical Data	TTC 700
Clamping range (inch):	14 - 46 (56 optional)
Max. tyre diameter (mm):	2.300
Max. wheel width (mm):	1.065



TTC 600

Universal electro-hydraulic tyre changer for fast and easy handling of tubeless tyres from 14" to 26" and a max. wheel diameter of 1600 mm. Convenient handling of the tyres by means of the ramps on each side of the tyre changer. Two bead breaking rollers for demounting of the tyre. The space saving design of the machine is ideal for the use in a mobile tyre service unit. The tyres are centred automatically by the chuck. All tools for bead breaking / mounting / demounting are positioned on one movable arm. A quick and safe work is guaranteed.

Technical Data TTC 600

Clamping range (inch):	14 - 26
Max. tyre diameter (mm):	1.600
Max. wheel width (mm):	780



TTC 500

The electro-hydraulic truck tyre changer for wheels of busses and trucks from 14.5" to 24.5" and a maximum wheel diameter of 1400 mm and a width of 695 mm. Comfortable handling of the tyres by means of the ramps on each side of the tyre changer. Two bead breaking rollers for demounting of the tyre. The space saving design of the machine is ideal for the use in a mobile tyre service.

Technical Data TTC 500

Clamping range (inch):	14,5 - 24,5
Max. tyre diameter (mm):	1.400
Max. wheel width (mm):	695

Truck – technical data & accessories

Technical data	TTC 500	TTC 600	TTC 700
Motorpump (kW):	0,75	1,10	1,50
Motor (kW):	0,75	1,50	1,30–1,80
Rim diameter (inch):	14,5 - 24,5	14 - 26	14 - 46 (56 optional)
Max. wheel diameter (mm):	1.400	1.600	2.300
Max. wheel width (mm):	695	780	1.065
Max. capacity (kg):	1.200	1.200	1.600
Weight (inclusive accessories):	420	530	740

Standard equipment & Accessories

Clamping spindles with cone and collet for clamping range 14,5"–17,5":	✓	○	○
Clamping spindles with cone and collet for clamping range 14,5"–24,5":	✓	○	○
Bead breaking disc:	2x ✓	○	○
Pair of bead clamps for split rim wheels:	✓	○	✓
Rim pliers:	✓	✓	✓
Automatic double tool rotation:	○	✓	✓
Split rim lever:	□	✓	✓
Bead lifting lever:	○	✓	✓
Bead lever guide to keep the bead in the rim during mounting:	○	□	✓
Grease gun for maintenance:	○	□	✓
Brush:	✓	□	□
Rim pliers for aluminium rims:	□	□	□
Hook shaped tool:	□	○	○
Wheel clamping quick collet as alternative to the GVA spinner:	□	○	○
Bead breaker roller:	○	□	□
Extension for self centering chuck, set of 4 (+10°):	○	□	□
Jaws for alloy rims:	○	□	□
Further accessories on demand			

- = optional accessory
 ○ = not available in this configuration
 ✓ = standard equipment