NUSSBAUM

INNOVATION AND FAMILY TRADITION
MADE IN GERMANY
INNOVATION & FAMILY TRADITION
MADE IN GERMANY.
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### SMART LIFT 2.32 SL

<table>
<thead>
<tr>
<th>SMART LIFT SL</th>
<th>2.32</th>
<th>2.32 DT</th>
<th>2.32 MM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>3200</td>
<td>3200</td>
<td>3200</td>
</tr>
<tr>
<td>Lifting / lowering time approx. (sec)</td>
<td>40 / 40</td>
<td>40 / 40</td>
<td>40 / 40</td>
</tr>
<tr>
<td>Lifting height (mm)</td>
<td>2010</td>
<td>2010</td>
<td>2060</td>
</tr>
<tr>
<td>Lowest lifting point (mm)</td>
<td>95–140</td>
<td>95–140</td>
<td>75–185</td>
</tr>
<tr>
<td>Total height column (mm)</td>
<td>2882</td>
<td>2882</td>
<td>2882</td>
</tr>
<tr>
<td>Total height top connection (mm)</td>
<td>3720–4120</td>
<td>3720–4120</td>
<td>3720–4120</td>
</tr>
<tr>
<td>Total width (mm)</td>
<td>3050</td>
<td>3150</td>
<td>3300</td>
</tr>
<tr>
<td>Drive-through width (mm)</td>
<td>2240</td>
<td>2340</td>
<td>2490</td>
</tr>
<tr>
<td>Distance between columns (mm)</td>
<td>2470</td>
<td>2570</td>
<td>2720</td>
</tr>
<tr>
<td>Long arm extraction (mm)</td>
<td>940–1495</td>
<td>940–1495</td>
<td>1000–1480</td>
</tr>
<tr>
<td>Short arm extraction (mm)</td>
<td>580–900</td>
<td>480–870</td>
<td>600–980</td>
</tr>
<tr>
<td>Motor (kW)</td>
<td>2 x 1,5</td>
<td>2 x 1,5</td>
<td>2 x 1,5</td>
</tr>
<tr>
<td>Power supply (V/Hz)</td>
<td>400 / 50</td>
<td>400 / 50</td>
<td>400 / 50</td>
</tr>
<tr>
<td>Data sheet</td>
<td>1850-3</td>
<td>1895-1</td>
<td>6045-8</td>
</tr>
</tbody>
</table>

### SCOPE OF DELIVERY
- Asymmetric lift with simple top connection
- 4 lifting arms, telescopic
- 4 adjustable pick-up pads screwed in the arms
- Energy set (option)

### TO BE PREPARED BY CUSTOMER
- Foundation min. 200mm concrete quality min. C20/25
- 12 bolts
- Power supply, 400 Volt, 50 Hz, 16 ampere time-lag fuse, 5 x 2,5 mm²
- Unloading (fork lift)
- Air pressure for energy set
ELECTROMECHANICAL 2-POST LIFT

Longlife & proven technology
- Low wear Nylatron-nut and 5 years warranty on spindle an spindle-nut
- Two motors integrated into columns
- Resistant Poly-V belt
- Complete quality control at all stages
- Simple and safe operation through integrated LED display in the columns
- Plug and Play installation – the columns are pre-wired and fitted with plugs

DT lifting arms – short lifting arm with 2-times telescopic provides more adjustable range and simplifies lifting of shorter and wider vehicles

MINI MAX (MM) arms – for lifting low wheel base vehicles and for cars with pressed side skirts

Optimal door clearance
Arrangement of lifting arms is always asymmetric

Telescopic lifting arms with minimum of lowest pick-up point

Automatic adjustment of lifting arm with gearing, manual releasing possible

No floor connection

Adjustable top connection – ideal columns positioning and minimum space required with an optimal drive through width

Energy Set
- Electricity and air pressure at the working space
- 240 V power socket and air supply, integrated in the column
POWER LIFT HL 2.60 SST

<table>
<thead>
<tr>
<th>SCOPE OF DELIVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Asymmetric lift with control unit, simple top connection</td>
</tr>
<tr>
<td>• Long telescopic lifting arms or double-jointed arms and screwed pick-up pads</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TO BE PREPARED BY CUSTOMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Foundation min. 250mm concrete quality min. C20/25</td>
</tr>
<tr>
<td>• 14 bolts</td>
</tr>
<tr>
<td>• Power supply, 400 Volt, 50 Hz, 16 ampere time-lag fuse, 5 x 2.5 mm²</td>
</tr>
<tr>
<td>• Unloading (fork lift)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>POWER LIFT HL SST</th>
<th>2.60</th>
<th>2.60 DG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>6000</td>
<td>6000</td>
</tr>
<tr>
<td>Lifting / lowering time approx. (sec)</td>
<td>65 / 65</td>
<td>65 / 65</td>
</tr>
<tr>
<td>Lifting height (mm)</td>
<td>2015</td>
<td>2015</td>
</tr>
<tr>
<td>Lowest lifting point (mm)</td>
<td>140–215</td>
<td>115–190</td>
</tr>
<tr>
<td>Total height (mm)</td>
<td>4674–5124</td>
<td>4640–5090</td>
</tr>
<tr>
<td>Total width (mm)</td>
<td>3750</td>
<td>4210</td>
</tr>
<tr>
<td>Drive-through width (mm)</td>
<td>2760</td>
<td>2510</td>
</tr>
<tr>
<td>Distance between columns (mm)</td>
<td>3060</td>
<td>2810</td>
</tr>
<tr>
<td>Long arms extraction (mm)</td>
<td>931–1891</td>
<td>0–1890</td>
</tr>
<tr>
<td>Short arms extraction (mm)</td>
<td>931–1891</td>
<td>0–1890</td>
</tr>
<tr>
<td>Power supply (V/Hz/A)</td>
<td>400/50/16</td>
<td>400/50/16</td>
</tr>
<tr>
<td>Motor (kW)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Ceiling height required (mm)</td>
<td>min. 4187</td>
<td>min. 4187</td>
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<tr>
<td>Data sheet</td>
<td>6917-6</td>
<td>6917-9</td>
</tr>
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</table>
FULLY HYDRAULIC LIFT FOR TRANSPORTER WITH MAXIMUM POWER RESERVE.

- a control unit with oil-submerged motor is supplied by SST cylinders
- self-purging system for the hydraulic circuit
- absolute safety through Safety Star Technology
- no floor connection
- choosable between long telescopic lifting arms or double-jointed arms
- fast lifting and lowering time
- low maintenance and nearly wear-free hydraulic cylinders

Telescopic lifting arm for transporter

- 2-time telescopic, symmetric lifting arms with low pick-up points
- symmetric lifting arm connection
- optimal pick up spectrum
- automatic arms adjustable

Double-jointed arms

Unique construction with double-jointed per lifting arm for

- reaching 100% of pick-up points
- easy lifting of passenger cars through 90° of lifting arms positioning
- required pick-up points from car’s manufacture will be reached safely

SST – Safety Star Technology

- patented safety system
- interaction with a micro-controller and proportional valves, SST guarantees perfect synchronization
- Electronical measuring system at ball bearing circulation controls the synchronization of lifting unit exactly to tenth of a millimeter

Tech. changes and errors excepted | Valid from 01.2015
ACCESSORIES FOR TWO-POST LIFTS

HEIGHT ADAPTERS

225SL08300 Height adapter for the universal application · fixed 44 mm · ø 120 mm · set = 4 units

232SL08840 Adapter for frame adjustable for offroad vehicles and commercial vans · ø 120 mm · set = 2 units

232HEL48081 Fixed height adapters for the universal application · fixed 151 mm · ø 120 mm · set = 4 units

232SEL48593 Vehicle’s frames – the U-Profile locks the vehicle up to 5 t · 150–230 mm · set = 4 units

232SEL48530 225–320 mm

232SEL48560 240–335 mm · adjustable height adapters for universal application with ø 120 mm · set = 4 units

250SL08130 225–330 mm · set = 2 units

235TTKAS08850 Height adapters for Sprinter (NCV3) with prism for rear pick-up point, adjustable 225–335 mm · set = 2 units

235TTKAS08870 Height adapters for Sprinter (NCV3) with positioning pin for front pick-up point, adjustable 230–335 mm · set = 2 units

FURTHER ACCESSORIES

Energy set
optional integrated in the control or opposite column – and pneumatic tool support, screwed on column

MINI MAX – The comfortable workshop assistant
- height adjustable turntable
- for vehicles with low clearance, as well as, for deep-drawn side skirt and offroad vehicles
- quick adjustment of turntable
- enormous adjustable range 75 – 185mm
- multilevel grid quick adjustment through pedal guarantees reliable and comfortable positioning of lifting arms
- vehicle can be lifted higher by reduction of no-load stroke
TOP LIFT 1.35 SH

<table>
<thead>
<tr>
<th>TOP LIFT 1.35 SH</th>
<th>X</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>3500</td>
<td>3500</td>
</tr>
<tr>
<td>Lifting height (mm)</td>
<td>2064</td>
<td>1975</td>
</tr>
<tr>
<td>Lifting- / lowering time (sec.)</td>
<td>40 / 35</td>
<td>40 / 35</td>
</tr>
<tr>
<td>Arms extraction (mm)</td>
<td>630–1235</td>
<td>–</td>
</tr>
<tr>
<td>Lowest lifting point (mm)</td>
<td>95</td>
<td>–</td>
</tr>
<tr>
<td>Drive-on height (mm)</td>
<td>–</td>
<td>60</td>
</tr>
<tr>
<td>Platform length (mm)</td>
<td>–</td>
<td>1400–1900</td>
</tr>
<tr>
<td>Installation depth (mm)</td>
<td>2520</td>
<td>2520</td>
</tr>
<tr>
<td>Motor (kW)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Power supply (V/Hz/A)</td>
<td>400/50</td>
<td>400/50</td>
</tr>
<tr>
<td>Data sheet</td>
<td>0153-4</td>
<td>0153-1</td>
</tr>
</tbody>
</table>

SCOPE OF DELIVERY
- Lift with galvanized, telescopic lifting arms
- 4 in lifting arm fixed pick up pads, steel canister
- External hydraulic unit with 6 m hydraulic hoses
- Separated control panel (optional with extention electric cables on request)

TO BE PREPARED BY CUSTOMER
- All foundation works, including the positioning and concreting of the canister | Hydraulic oil HLP ISO 32, filled volume approx. 13 liters | Power supply, 16 ampere time-lag fuse, 5 x 2,5 mm² | Unloading (fork lift) | Water-spray protection for the power unit in washing bay

IN-GROUND LIFT
for washing bay

1-piston lift with external power unit

separated control panel can be installed up to 6 m away from the lift

1 X-lifting arms
- Fire galvanized, 2-times telescopic lifting arms
- Vehicle will be lifted at pick-up points, therefore sillboard is accessible
- Wide range of height adapters available

2 H-lifting platform
- Fire galvanized, lengthwise adjustable lifting platform for picking up vehicle at sillboard
- Fast and simple to drive-on for wide range of vehicles

Drive technology
- Hydraulic unit with oil-submerged motor integrated in cannister
- A crossbeam secures synchronization and prevents rotation of the platform
- Screwed, corrosion resistant hydraulic pipes from hydraulic unit to the cylinders (no loose flexible hoses)
- Cylinders are protected inside the hard chromed guiding pipes (dm 140 mm)
COMBI LIFT 4.65 H

<table>
<thead>
<tr>
<th>SCOPE OF DELIVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lift with adjustable locking bars for wheel alignment</td>
</tr>
<tr>
<td>2 drive-on ramps approx. 1250 mm</td>
</tr>
<tr>
<td>Plus Version: with fixed wheel-free lift, platform length of 1500 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TO BE PREPARED BY CUSTOMER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foundation (min. 160 mm / concrete C20/25)</td>
</tr>
<tr>
<td>16 bolts BM10-15/70/40 without floor covering (depending on Foundation, as described in manual)</td>
</tr>
<tr>
<td>Hydraulic oil 10 liters HLP ISO 32</td>
</tr>
<tr>
<td>Power supply, 400 Volt, 50 Hz, 16 ampere time-lag fuse, 5 x 2,5 mm²</td>
</tr>
<tr>
<td>Unloading (fork lift)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COMBI LIFT</th>
<th>4.65 H</th>
<th>PLUS</th>
<th>PLUS AMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>6500</td>
<td>6500</td>
<td>6500</td>
</tr>
<tr>
<td>Lifting capacity WFL (kg)</td>
<td>–</td>
<td>3500</td>
<td>3500</td>
</tr>
<tr>
<td>Lifting/ lowering time approx. (sec)</td>
<td>41 / 36</td>
<td>41 / 36</td>
<td>41 / 36</td>
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<tr>
<td>Lifting height (mm)</td>
<td>1920</td>
<td>1920</td>
<td>1970</td>
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<tr>
<td>Lifting height WFL (mm)</td>
<td>–</td>
<td>492</td>
<td>442</td>
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<tr>
<td>Runway length (mm)</td>
<td>5560</td>
<td>5560</td>
<td>5560</td>
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<tr>
<td>Runway width (mm)</td>
<td>670</td>
<td>670</td>
<td>670</td>
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<tr>
<td>Distance between runways (mm)</td>
<td>880 ±50</td>
<td>880 ±50</td>
<td>880 ±50</td>
</tr>
<tr>
<td>Platform length WFL (mm)</td>
<td>–</td>
<td>1550–1900</td>
<td>1550–1900</td>
</tr>
<tr>
<td>Drive-on height (mm)</td>
<td>190</td>
<td>190</td>
<td>240</td>
</tr>
<tr>
<td>Height of WFL (mm)</td>
<td>–</td>
<td>50</td>
<td>–</td>
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<td>Total height column (mm)</td>
<td>2328</td>
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<tr>
<td>Total length (mm)</td>
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<tr>
<td>Total width (mm)</td>
<td>3350</td>
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<tr>
<td>Motor (kW)</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Power supply (V/Hz/A)</td>
<td>400/50/16</td>
<td>400/50/16</td>
<td>400/50/16</td>
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<td>Data sheet</td>
<td>7092-5</td>
<td>7092-7</td>
<td>7092-2</td>
</tr>
</tbody>
</table>
FOUR-POST LIFT FOR PASSENGER CAR, SMALL TRANSPORTER AND CAMPER

Powerful, silent oil-submerged motor integrated in runways guarantees a quiet operation

Safety in any lifting height
- fine adjustable safety ratchet with automatic locking system through precise wheel alignment

The lift for transporter
- Long runway for transporter with guiding rails for axle jack.

Flexibility
- transversally adjustable runway for different track width

Lighting
- 4-tubes; along the runways

Versions:
- Flat
  - Flat construction with short drive-on ramps

PLUS
- runway with adjustable wheel-free lift 1550–1900mm and wheel alignment set

PLUS AMS
- runway with adjustable wheel-free lift and wheel alignment set; consists of rear sliding plates and front recess for turntables

Diverse accessories
- JACK 2000
  - air hydraulic axle jack
- LASER JACK
  - pneumatic axle jack
- Front fitted pneumatic joint play detector
- Lighting
  - 4-tube; along the runways

Option: surface treatment
- powder-coated, fire galvanized, OXYGEN care

Tech. changes and errors excepted | Valid from 01.2015
**SCOPE OF DELIVERY**

- Lift with runways
- Hydraulic unit, positioned front left in drive-on direction, length of hydraulic hoses: 1000mm
- Above-ground version: 2 drive-on ramps, length approx. 1250mm, 2 roll off protectors
- In-ground version: 4 in-ground ramps
- PLUS version with adjustable wheel-free lift
- PLUS AMS version with adjustable wheel-free lift, rear sliding plate and front recess for turntables
- PLUS & PLUS A – versions: 4 units of polymer pads 100 x 150 x 340mm

**TO BE PREPARED BY CUSTOMER**

- Foundation (min. 160mm / concrete C20/25)
- 12 bolts
- Hydraulic oil 14 liters HL P ISO 32
- Compressed air supply 6–10 bar (necessary for versions with axle jack or floor compensation)
- Power supply, 400 Volt, 50 Hz, 16 ampere time-lag fuse, 5x 2,5mm²
- Unloading (fork lift)
THE SCISSOR LIFT. UNIVERSAL, SPACE-SAVING WORKING PLACE. FOR CAR RECEPTION, GENERAL INSPECTION, REPAIR AND WHEEL ALIGNMENT.

Flexible – Compact – Flat

- Easy to install - suitable for above-ground or in-ground installation
- Low construction with short access ramps, also for low clearance vehicle
- Compact and space-saving design

Wheel-free lift

- with adjustable lifting platforms

Perfect refinement through redundant hydraulic system

- Redundant hydraulic system with two independent hydraulic circuits

Powerful, quiet oil-submerged motor with press buttons

Fast lifting and lowering times

No fixed connection between the runways

Lighting 4-tubes; along the runways

Mechanical ratchet for wheel alignment

Galvanized base plates

Option: Wheel alignment set

thanks to the wheel alignment set and safety ratchet, the UNI LIFT 3500 NT PLUS can be use as an alignment lift

Diverse accessories

| Jack 2000 – air hydraulic axle jack |
| Laser Jack – pneumatic axle jack |
| Joint play detector – pneumatic, placed at the end of the runway |
| Vertical roll-off protector – integrated in runways for in-ground installation |
| Floor compensation – optional with park position for axle jack |
# SCOPE OF DELIVERY

- Lift with galvanized platforms
- Mobile hydraulic control unit, positioned front left in drive-on direction, length of the hydraulic hoses 3000mm
- 1 set = 4 units of polymer pads 50 x 150 x 340mm
- Mobile-set

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## SPRINTER MOBIL

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>3000</td>
</tr>
<tr>
<td>Lifting height (mm)</td>
<td>990</td>
</tr>
<tr>
<td>Lifting time approx. (sec)</td>
<td>11</td>
</tr>
<tr>
<td>Drive-on height (mm)</td>
<td>102</td>
</tr>
<tr>
<td>Platform length (mm)</td>
<td>1400–2010</td>
</tr>
<tr>
<td>Platform width (mm)</td>
<td>450</td>
</tr>
<tr>
<td>Total width (mm)</td>
<td>1900</td>
</tr>
<tr>
<td>Motor (kW)</td>
<td>1,5</td>
</tr>
<tr>
<td>Power supply* (V/Hz/A)</td>
<td>400/50/16</td>
</tr>
</tbody>
</table>

*optional 240 Volt Motor Available, 20 Amp circuit required.

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## TO BE PREPARED BY CUSTOMER

- 8 bolts when the lift should be fix installed
- Hydraulic oil HL P ISO 32, filled volume approx. 13 liters
- Power supply, 16 ampere timelag fuse, 5 x 2,5 mm²
- Unloading (fork lift)
YOUR ADDITIONAL WORKPLACE. MOBILE. FLEXIBLE. ERGONOMIC.

Additional working space
An additional working space in your workshop for fast working on every vehicle. The midrise sprinter mobil is an efficient and mobile solution for tire service, painting and body work.

Lifting height approx. 1000mm

Anti-skid lifting platforms are galvanized and lengthwise adjustable

Maximum flexibility
can be setup on almost any flat and solid surface without bolting down

Mobile-set can be moved without any problem with Mobile-set

Fully hydraulic system
The hydraulic system of the lift works with two independent cylinders. A special safety device in the hydraulic circuit substitutes the conventional security latches and protects the lift from sagging. The mechanic synchronization is done by torsion bars at the bottom of the lift.

Flaps to increase the length of the ramps, easy to lock and unlock with one hand

No compressed air required

High-performance power unit
The high-performance oilsubmerged power unit with push buttons guarantees short lifting and lowering times.
**JUMBO LIFT NT**

<table>
<thead>
<tr>
<th>JUMBO LIFT NT</th>
<th>3200</th>
<th>3500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>3200</td>
<td>3500</td>
</tr>
<tr>
<td>Lifting time approx. (sec)</td>
<td>36</td>
<td>36</td>
</tr>
<tr>
<td>Lifting height (mm)</td>
<td>2000</td>
<td>2000</td>
</tr>
<tr>
<td>Drive-on height (mm)</td>
<td>105</td>
<td>105</td>
</tr>
<tr>
<td>Installation depth (mm)</td>
<td>105</td>
<td>105</td>
</tr>
<tr>
<td>Total width (mm)</td>
<td>2020</td>
<td>2020</td>
</tr>
<tr>
<td>Platform width (mm)</td>
<td>610</td>
<td>610</td>
</tr>
<tr>
<td>Platform length (mm)</td>
<td>1460–2060</td>
<td>1460–2160</td>
</tr>
<tr>
<td>Motor (kW)</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Power supply* (V/Hz/A)</td>
<td>400/50/16</td>
<td>400/50/16</td>
</tr>
<tr>
<td>Data sheet</td>
<td>7639-N8</td>
<td>7435</td>
</tr>
</tbody>
</table>

*optional 240 Volt Motor Available, 20 Amp circuit required.

**SCOPE OF DELIVERY**
- Lift with powder-coated platform
- Hydraulic unit with oil-submerged motor, positioned front left in drive-on direction, length of the hydraulic hoses 1000mm
- 1 set = 4 units polymer pads 50 x 150 x 340mm

**TO BE PREPARED BY CUSTOMER**
- Foundation, according to current foundation plan (concrete quality C20/25)
- 12 bolts
- Hydraulic oil HL P ISO 32, filled volume approx. 13 liters
- Power supply, 400 Volt, 50 Hz, 16 ampere time-lag fuse, 5x 2,5 mm²
- Unloading (fork lift)

**HyperFlow TECHNOLOGY**
- The synchronization is automatically set and adjusted at any time
- No need for manual setting of synchronism
- Automatic „bleeding“ of the system during operation
- Patented technology
FAST LIFTING & LOWERING TIMES, FULLY HYDRAULIC SYSTEM WITH NT TECHNOLOGY – ROBUST & RELIABLE

JUMBO LIFT NT 3200 – for vehicles up to VW T4 with short wheel base (or similar vehicles)

JUMBO LIFT NT 3500 – longest lifting platforms for T5, Vito and Vivaro at the original pick-up points (or similar vehicles)

Optional in-ground installation

Safe and flexible lifting platform

lengthwise adjustable for lifting a wide range of vehicles

Maximum lifting height

effective lifting stroke of 2000mm – enough space under the vehicle, also for in-ground installation

Free access between the scissors, there is no mechanical connection between platforms

Flat construction

Long-life cycle & stable

• Lubricating nipples at the bolts provide an easy maintenance and secure the long-life cycle
• High quality steel construction ensures directional stability

NT Technology = perfect & smooth running powerful, safe, steady!
The redundant fully hydraulic system guarantees maximum operating safety through using two independent hydraulic circuits

Flaps to increase the length of the ramps, easy to lock and unlock with one hand

Long-lasting, thank to fully hydraulic system

• No need of safety ratchet
• No electrical and pneumatic components at the lift

Compact oil-submerged motor

Tuning ramps for low or sports cars

Tech. changes and errors excepted | Valid from 01.2015
**JUMBO LIFT NT 3000**

<table>
<thead>
<tr>
<th>JUMBO LIFT NT</th>
<th>3000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>3000</td>
</tr>
<tr>
<td>Lifting time approx. (sec)</td>
<td>36</td>
</tr>
<tr>
<td>Lifting height (mm)</td>
<td>2000</td>
</tr>
<tr>
<td>Drive-on height (mm)</td>
<td>105</td>
</tr>
<tr>
<td>Installation depth (mm)</td>
<td>105</td>
</tr>
<tr>
<td>Total width (mm)</td>
<td>2020</td>
</tr>
<tr>
<td>Platform width (mm)</td>
<td>610</td>
</tr>
<tr>
<td>Platform length (mm)</td>
<td>1460–2060</td>
</tr>
<tr>
<td>Motor (kW)</td>
<td>3</td>
</tr>
<tr>
<td>Power supply* (V/Hz/A)</td>
<td>400/50/16</td>
</tr>
<tr>
<td>Data sheet</td>
<td>2005-3</td>
</tr>
</tbody>
</table>

*optional 240 Volt Motor Available, 20 Amp circuit required.

**SCOPE OF DELIVERY**

- Lift with powder-coated platform
- Hydraulic unit with oil-submerged motor, positioned front left in driveon direction, length of the hydraulic hoses 1000mm
- 1 set = 4 units polymer pads 50 x 150 x 340mm

**TO BE PREPARED BY CUSTOMER**

- Foundation, according to current foundation plan (concrete quality C20/25)
- 12 bolts
- Hydraulic oil HL ISO 32, filled volume approx. 13 liters
- Power supply, 400 Volt, 50 Hz, 16 ampere time-lag fuse, 5x 2.5 mm²
- Unloading (fork lift)

**FAST LIFTING & LOWERING TIMES, FULLY HYDRAULIC SYSTEM WITH NT TECHNOLOGY – ROBUST & RELIABLE**

- Safe and flexible lifting platform lengthwise adjustable for lifting a wide range of vehicles
- Maximum lifting height effective lifting stroke of 2000mm – enough space under the vehicle, also for in-ground installation
- Free access between the scissors, there is no mechanical connection between platforms
- Flat construction

**Optional in-ground installation**

- Long-life cycle & stable
  - Lubricating nipples at the bolts provide an easy maintenance and secure the long-life cycle
  - High quality steel construction ensures directional stability

- NT Technology = perfect & smooth running powerful, safe, steady!

- The redundant fully hydraulic system guarantees maximum operating safety through using two independent hydraulic circuits

- Long-lasting, thank to fully hydraulic system
  - No need of safety ratchet
  - No electrical and pneumatic components at the lift

- Compact oil-submerged motor
**AXLE JACK**

<table>
<thead>
<tr>
<th></th>
<th>JACK 2000</th>
<th>JACK 2500</th>
<th>LASER JACK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>2000</td>
<td>2500</td>
<td>2000</td>
</tr>
<tr>
<td>Lifting time approx. (sec)</td>
<td>35</td>
<td>35</td>
<td>20</td>
</tr>
<tr>
<td>Lowering time approx. (sec)</td>
<td>7</td>
<td>7</td>
<td>15</td>
</tr>
<tr>
<td>Lifting height (mm)</td>
<td>370</td>
<td>270</td>
<td>270</td>
</tr>
<tr>
<td>Arm extraction (mm)</td>
<td>800–1640</td>
<td>810–1760</td>
<td>690–1495</td>
</tr>
</tbody>
</table>

**JACK 2000 · JACK 2500**
- air hydraulic axle jack
- universal lifting at outer pick-up points without spring relieving, or in the middle
- movable along the runways
- extendable lifting arms
- with mechanical safety ratchets in 2 heights
- min. air pressure 6 bar

**LASER JACK**
- pneumatic axle jack
- lift vehicle at outer pick-up points of axis
- movable along the runways
- extendable lifting arms
NUSSBAUM offers the perfect mobile column for different applications in the commercial workshop. Every MCS System convinced with short setup times and a clear working area.

- Simple transportation by truck – ideal for mobile use due to low column height of 2165 mm
- Easy location and relocation of columns through integrated roller system and handlifting device.
- Adjustable wheel forks for lifting a wide range of different tire sizes without additional adapters.
- It is possible to operate the mobile columns for lifting and lowering individually, in case to reach the different levels of the pick-up points, for example, by lifting a trailer.
- A display for visualisation of lifting height, as well as an emergency stop button is located on every column.

**MOBILE COLUMN SYSTEM**

**Lifting & Lowering • Axle-mode**

- It is possible to operate the mobile columns for lifting and lowering individually, in case to reach the different levels of the pick-up points, for example, by lifting a trailer.
- It is possible to raise and lower two Mobile Columns, which are positioned opposite side from each other, at the same time.

**Safety and Functionality**

The patented electronic synchronization system SST (Safety Star Technology) guarantees exact, synchronized movement of the system in the same height at any time. An electronic position measuring system and proportional valves guarantee a millimeter exact synchronization. Furthermore, the system locks at any working position mechanically. The mobile columns are powder coated and thus protected against corrosion. Therefore, they can be easily transported by truck.

---

**MCS Wireless Technology**

**WIRELESS TECHNOLOGY**

**Wireless Power**

Each column is powered by self contained, twin 12 Volt batteries which can be charged at a domestic 240 Volt outlet. A full charge will usually provide more than a day of normal workshop use.

**Wireless Sync**

Each column is has its own plc and wireless transmitter and receiver. Up to 8 MCS Wireless columns can be operated from any one column in perfect synchronisation.

**SCOPE OF DELIVERY**

- 4 mobile columns with connecting cables hydraulic units with control panel on master column (e.g. Compact version) Adjustable wheel forks for different wheel diameters

**TO BE PREPARED BY CUSTOMER**

- Hydraulic oil HLP ISO 32, filled volume approx. 17 liters
- Power supply
- Unloading (fork lift)

**TABLE**

<table>
<thead>
<tr>
<th>MCS</th>
<th>5500</th>
<th>7500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lifting capacity (kg)</td>
<td>5500</td>
<td>7500</td>
</tr>
<tr>
<td>Lifting height (mm)</td>
<td>1600</td>
<td>1643</td>
</tr>
<tr>
<td>Lifting time (sec.)</td>
<td>60</td>
<td>70</td>
</tr>
<tr>
<td>Lowering time (sec.)</td>
<td>65</td>
<td>65</td>
</tr>
<tr>
<td>Lifting column height (mm)</td>
<td>2630</td>
<td>2630</td>
</tr>
<tr>
<td>Motor (kW)</td>
<td>1,5 per column</td>
<td>1,5 per column</td>
</tr>
</tbody>
</table>
WIRELESS TECHNOLOGY

- Extendable up to 8 lifting columns, no wire connection, mobil and flexible system
- Wireless synchronization after WIRELESS TECHNOLOGY-Standard – battery-driven system and ready-to-operated delivered
- Operated individually at each lifting column or centrally from the master column

Battery-driven operation of each column, as well as all communication between the columns via WIRELESS TECHNOLOGY – distracting cable connections are not anymore necessary.
- Mobile columns are simply positioned at the truck’s wheels and can be started the lifting procedure without any further set up efforts.
- Mobility:
  The MCS with WIRELESS TECHNOLOGY can be easily transported by a truck and ready-to-operated.
  The electrical power supply of hydraulic driven mobile column is occurred through car batteries.
  The battery charging is provide through integrated battery charger.

Wheel forks for every range of use

- Safety Lock – Adjustable wheel forks with display in inches makes it easy to position the exact tire size – wheel forks are secured with bolt and clamp.
- MCS agrar – the solution for agricultural vehicles. Broad wheel forks guarantee a securely lifting of tractors and other agricultural vehicles.

Stand ABV 07 – displaceable three legs stand (2 fixed rollers) with a 7t capacity, height of 1300-2000 mm, adjustable in the raster of 50 mm.
STOREPARKER N2202

STOREPARKER N2202 – INTERMEDIATE STORAGE FOR UP TO 3.000 KG, INDOOR & OUTDOOR USE!

The hydraulic STOREPARKER N2202 is used Indoor and Outdoor to double the number of parking space on existent area, above ground. To park and arrange vehicles it is necessary to drive out the vehicles on the levels below (dependent parking).

The STOREPARKER N2202 at a glance:
- up to 100% more parking space
- dependent parking on 2 levels, without pit
- the upper platform is accessible horizontally, the parking level below has no platform - the cars are parked directly on the ground
- the perfect solution for storage of vehicles up to 3.000 kg
- flexible thanks to different system heights
- low requirements on the installation site
- dismantling and reassembly is possible
- for Indoor and Outdoor operation
- modular arrangement in segmental construction
- for permanent use only

Suitable for:
- valet parking
- car dealerships
- car rental areas
- car repair workshops

OPERATION
- key-switch unit (lifting/lowering) with emergency stop in dead man’s control

FURTHER INFORMATION
- platform capacity 2.500 kg as standard, up to 3.000 kg as an option
- available for parking of Vans
- driving sheets as aluminium-bulb-plates
- protection against corrosion C3-Line as a standard

<table>
<thead>
<tr>
<th>System height</th>
<th>System length</th>
<th>Car-height below</th>
<th>Car-height above</th>
</tr>
</thead>
<tbody>
<tr>
<td>3230</td>
<td>4200</td>
<td>1500 – 1700</td>
<td>from 1500*</td>
</tr>
<tr>
<td>3570</td>
<td>4200</td>
<td>1800 – 2050</td>
<td>from 1500*</td>
</tr>
<tr>
<td>4700</td>
<td>4200</td>
<td>2800</td>
<td>from 1500*</td>
</tr>
</tbody>
</table>

*The car-height above depends on the clear height/room height. Higher vehicles can be parked on top if more room height is available.

# Made in Germany

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MORE INFO ABOUT THE NUSSBAUM GROUP

www.nussbaum-group.de

www.facebook.de/NUSSBAUMgroup

www.youtube.com/thenussbaumgroupde

www.QuickSpan.de
The family business from Kehl am Rhein with over 1,200 employees and 120 trainees produces its products exclusively in Germany and the USA utilizing a vertical range of manufacturing using the latest technological processes and machines with complete quality control, making the NUSSBAUM group the leader for automotive lifts in Germany.