

# NEUMEIER

A current list of our dealers is available on our website.



## DEALER CONTACT INFORMATION



Specifications are subject to modification, and this brochure may not represent the most current specifications. Images in this brochure may not depict the present market configuration. Kindly reach out to your dealer to verify specifications and configurations. All rights to this brochure are retained by NEUMEIER GmbH. Please review the operating instructions prior to utilizing NEUMEIER machines.

Engine power: 18.2 kW  
Machine weight: 3,850 kg

# NR35UF



Stand: 12/2024

 NEUMEIER GmbH Böhmerstraße 10  
93437 Furth im Wald

 +49 9973 / 8466-0  
 +49 9973 / 8466-20

 [www.neumeier-gmbh.com](http://www.neumeier-gmbh.com)  
 [info@neumeier-gmbh.com](mailto:info@neumeier-gmbh.com)

# NEUMEIER

Construction machinery offering an unparalleled price-performance ratio.



## DISCOVER THE NR35UF COMPACT EXCAVATOR: YOUR SOLUTION FOR EFFECTIVE AND ADAPTABLE WORK!

Welcome to the unveiling of the NR35UF mini excavator – your ally for precise and efficient construction endeavors!

With its contemporary design, innovative features, and exceptional performance, the NR35UF is ideally equipped to fulfill your construction site requirements and enhance your workflows.

### COMPACT DESIGN, OPTIMAL PERFORMANCE:

The NR35UF merges a sophisticated, space-efficient design with remarkable engine performance. Its compact dimensions render it perfect for operation in confined areas without compromising power. Whether for landscaping, construction, or renovation endeavors, the NR35UF is the mini excavator you can rely on.

### FLEXIBILITY AND ADAPTABILITY:

With an extensive array of compatible attachments, including buckets, hammers, and grapples, the NR35UF exemplifies versatility. Its effortless tool interchangeability renders it ideal for a multitude of tasks, such as excavation, lifting, loading, or drilling.

### SUSTAINABLE EFFICIENCY:

The NR35UF is not only a formidable machine but also an environmentally responsible ally. Its fuel-efficient engine minimizes fuel consumption and emissions without sacrificing performance. This enables you to operate cost-effectively while safeguarding the environment.

### ERGONOMICS AND USER-FRIENDLINESS:

The NR35UF's cab provides a comfortable working environment, featuring intuitive controls and excellent visibility. Its user-friendly operation guarantees that you can accomplish your tasks accurately and without stress—perfect for extended workdays.

Discover today the myriad of features of the NR35UF mini excavator and be captivated by its performance and versatility. Reach out to us for further information and to acquire your NR35UF mini excavator today!



Rudolf Neumeier, NEUMEIER GmbH

## THE MOST SIGNIFICANT HIGHLIGHTS AT A GLANCE

- **ROBUST CABIN** The windscreen and roof may be fitted with stone guards.
- **MINIMAL SPACE REQUIREMENTS** due to a compact design featuring a reduced rear overhang.
- 1. **EXCEPTIONAL DURABILITY** due to flaps and hoods constructed from sheet steel
- **ROBUST IN OPERATION** due to the hydraulic line for power tilt and quick coupler integrated into the dipper stick.



- **VERSATILE APPLICATION OPTIONS** enabled by up to two additional controllable hydraulic circuits extending to the dipper stick.
- **POWERFUL PERFORMANCE**, attributed to the original Kubota engine and Hengli hydraulics.
- **LOW-VIBRATION DRIVING** achieved through short-pitch rubber tracks and three-flange track rollers
- **OPTIMAL VISIBILITY** provided by LED work lights and a spacious cabin
- **SAFE TRANSPORT** ensured by standard lashing eyes on the undercarriage
- **STABLE SUPPORT** provided by an extended and elevated dozer blade.
- **QUICK OVERVIEW** presented through a thoughtfully organized display in multiple languages
- **EXCEPTIONAL COMFORT** is provided by the weight-adjustable driver's seat, featuring a high backrest and headrest.
- **SIMPLE FUEL PLANNING** facilitated by the fuel level indicator on the display.



## THE LODGE

### IDEALLY SUITED: THE WORK ENVIRONMENT

The benefits of a ROPS (Roll Over Protective Structure), TOPS (Tip Over Protective Structure), and FOPS (Falling Object Protective Structure) secured cabin in a mini excavator, complemented by features such as a radio and a suspended fabric seat with a high backrest, include Headrests, heating features, safety elements, safety belts, and safety hammers are varied, providing both comfort and security for the operator.

#### Here are several key advantages:

##### ACCIDENT PREVENTION MEASURES:

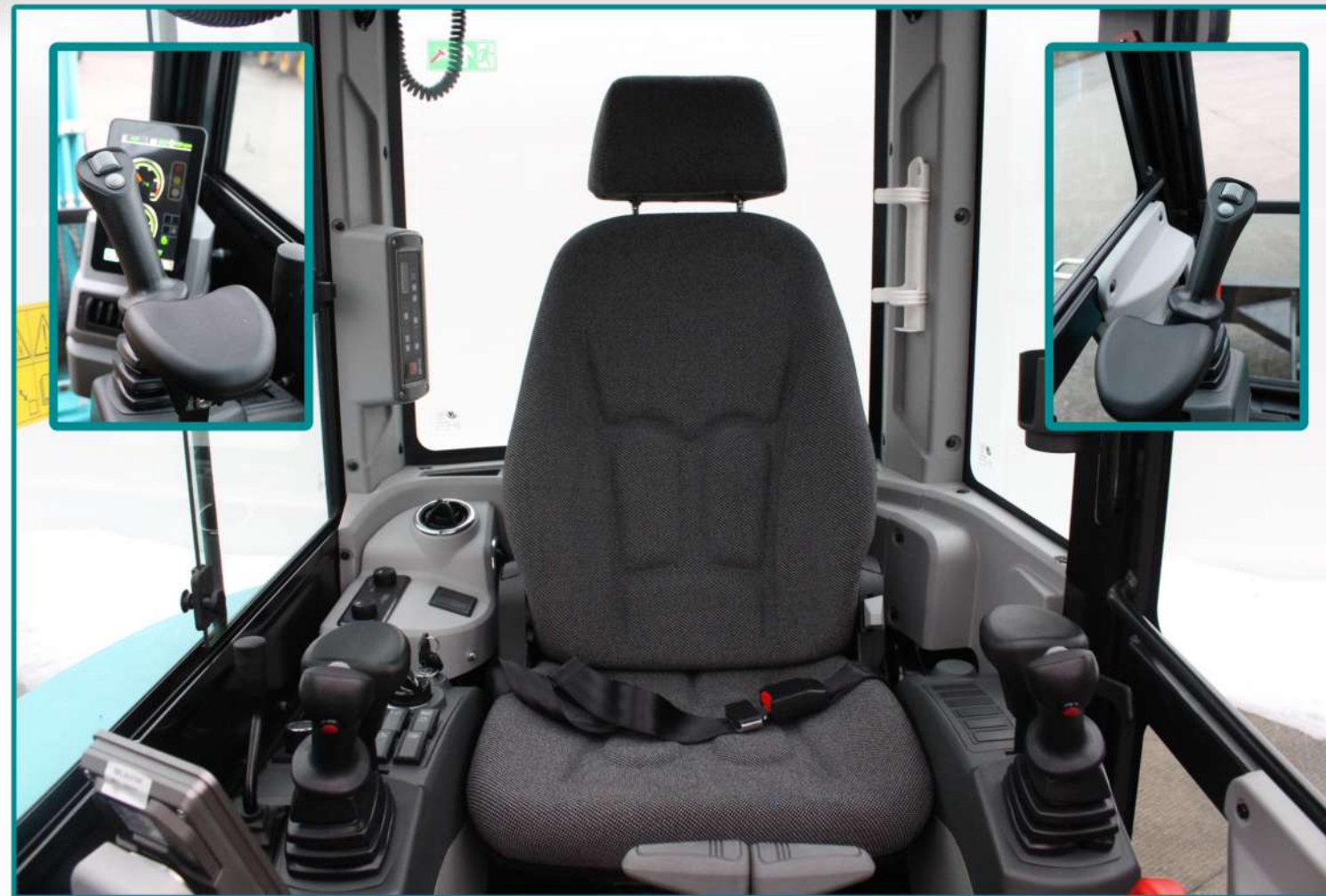
THE ROPS, TOPS, AND FOPS STRUCTURES OFFER ROBUST PROTECTION FOR THE OPERATOR DURING ACCIDENTS, INCLUDING INSTANCES OF THE EXCAVATOR ROLLING OVER, TIPPING ON UNEVEN TERRAIN, OR THE THREAT OF FALLING OBJECTS. THIS SUBSTANTIALLY MITIGATES THE RISK OF INJURY.

##### PLEASANT WORKING ATMOSPHERE:

THE EQUIPMENT, WHICH COMPRISES A RADIO, A SUSPENDED FABRIC SEAT, AND HEATING AND AIR CONDITIONING, FOSTERS A CONDUCIVE WORKING ENVIRONMENT. THE OPERATOR CAN ENJOY THEIR PREFERRED MUSIC WHILE WORKING, AND THE SUSPENDED SEAT GUARANTEES AN ERGONOMIC SEATING POSITION, THEREBY MINIMIZING FATIGUE DURING EXTENDED WORK HOURS. THE HEATING SYSTEM ENABLES THE OPERATOR TO MAINTAIN COMFORT EVEN IN COLDER CONDITIONS.

##### ENHANCED SECURITY:

THE SAFETY BELT OFFERS ENHANCED PROTECTION BY ENSURING THE OPERATOR REMAINS SECURELY SEATED, PARTICULARLY WHEN NAVIGATING UNEVEN TERRAIN OR DURING ABRUPT MOVEMENTS OF THE EXCAVATOR. THE SAFETY HAMMER SERVES AS AN EMERGENCY TOOL, ENABLING A SWIFT EXIT FROM THE CAB IF REQUIRED, SUCH AS IN THE CASE OF AN ACCIDENT OR OTHER URGENT SITUATION.



# NR35UF

##### LEGAL OBLIGATIONS AND CRITERIA:

Compliance with ROPS, TOPS, and FOPS standards is mandated by law in numerous countries to safeguard the safety of construction vehicle operators. The installation of these structures and safety features ensures that the mini excavator adheres to relevant regulations and standards.

##### USER-FRIENDLY AND INTUITIVE INTERFACE

Experience the simplicity of operation with our cutting-edge display and intuitive control buttons for our mini excavator. Our advanced system makes managing your construction vehicle more straightforward than ever. The clear display presents all pertinent information at a glance, while the ergonomically designed buttons facilitate effortless navigation. Whether you are an experienced professional or a beginner, our user interface ensures that operating the mini excavator is a seamless experience. Enjoy unparalleled efficiency and comfort.

##### THE CONTEMPORARY AND FULLY EQUIPPED CABIN!

- Contemporary exhibition in various languages
- Radio featuring USB and Bluetooth connectivity
- two USB ports
- Cupholder
- Emergency hammer
- climate control
- Cabin heating system
- secure storage facilities



## STANDARD EQUIPMENT

### NR35UFS

#### WORK EQUIPMENT

- Two supplementary proportionally controlled auxiliary control circuits fully integrated with connections on the dipper stick.
- Dedicated hydraulic circuit for a hydraulic quick coupler
- Pressure relief for the auxiliary hydraulics
- Lifting cylinder safeguard
- Piercing gaze
- Three LED work lamps
- Pipe rupture protection and load-holding valve on the lifting cylinder

#### DOZER BLADE

- securable with eyelets

#### DRIVE

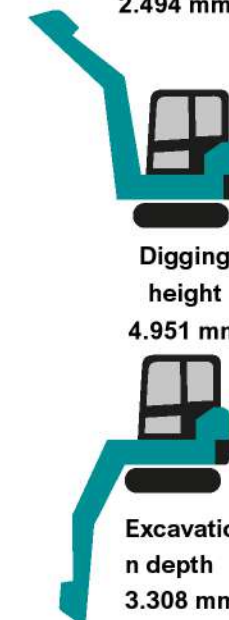
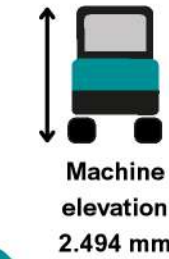
- Short-Pitch-Gummiketten
- Three-flange drive rollers
- A support roller.
- Braked traction motors (automatic)
- Automatic transmission



Engine output  
18.2 kW (25  
horsepower)



Machine mass  
3.850 kg



# NR35UF

#### ENGINE/HYDRAULICS

- KUBOTA Diesel Engine
- Euro V emissions standard
- Electric fuel pump
- Powerful HENGLI hydraulic pump.
- High-performance oil/water coolers
- Automatic swing brake
- Automatic fuel venting system
- Engine standby mode

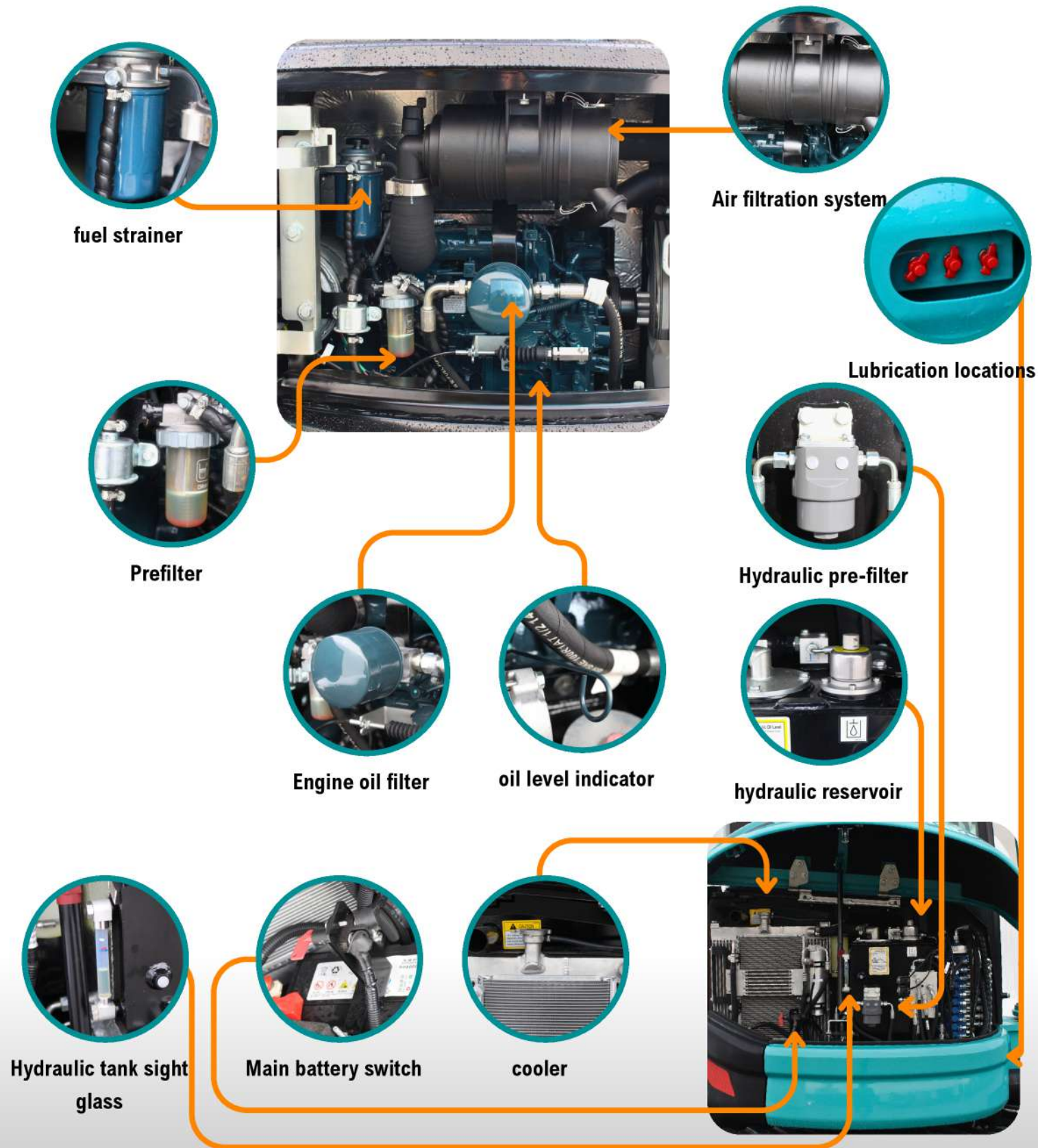
#### CABIN

- Safety Structure: TOPS/ROPS/OPG Level 1
- Ergonomic seat featuring a textile cover, elevated backrest, and integrated headrest.
- Hydraulically actuated pilot-controlled drive levers
- Cabin heating system
- Retractable windscreen featuring two gas pressure dampers.
- Tinted windows in the cabin
- Windscreen wipers featuring an interval function
- Radio featuring a USB port and Bluetooth connectivity
- Cupholder
- climate control
- USB interfaces
- Optional stone chip protection
- Exhibit with basic error analysis
- Onboard tools and lubrication gun



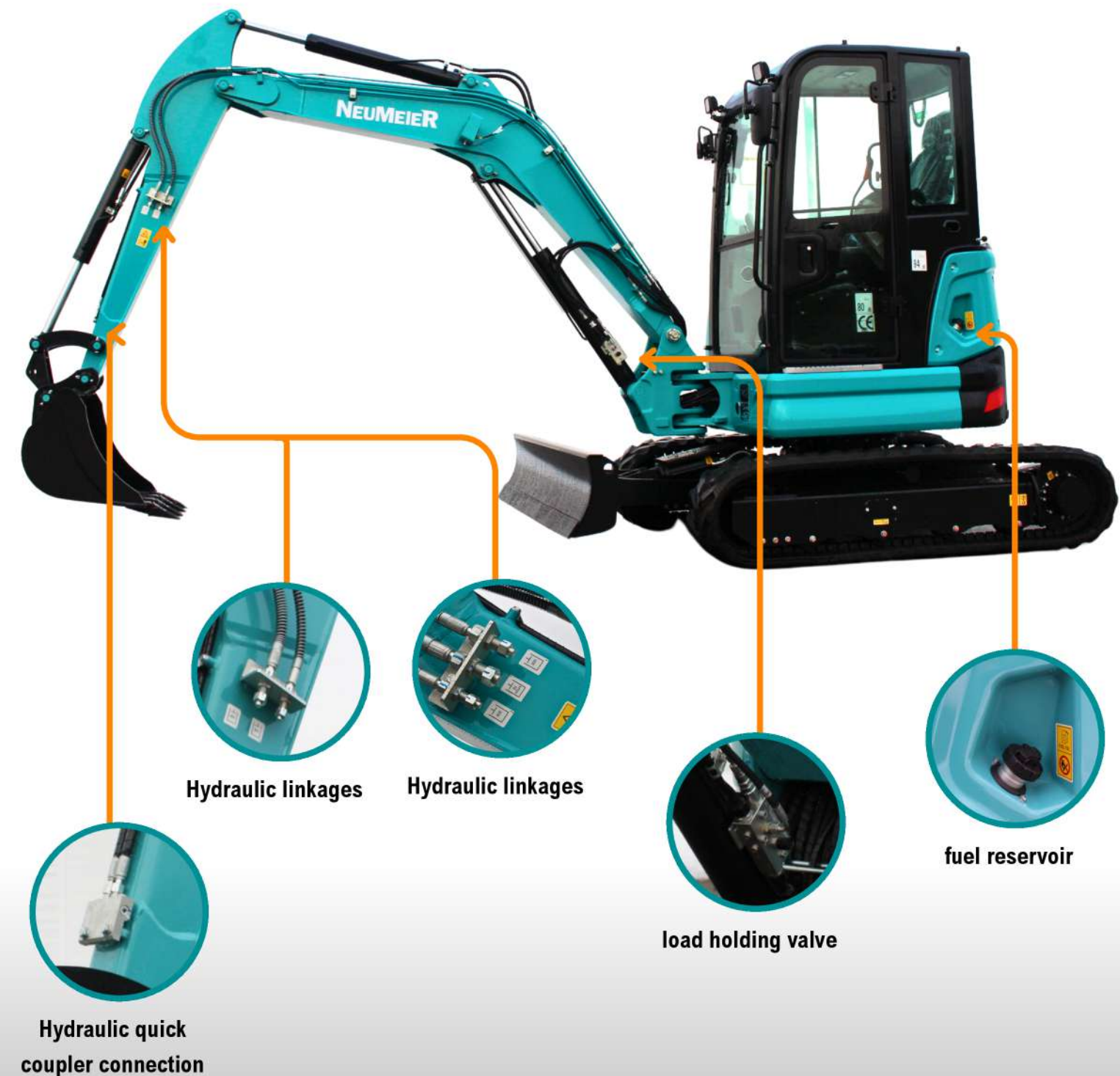
## SIMPLIFIED SERVICE AND MAINTENANCE

UNMATCHED VALUE FOR THE PRICE!



The NR35UF mini excavator boasts a notably service-friendly design. The strategic layout of maintenance and service points facilitates swift and effortless access to essential components. The engine compartment and the

Hydraulic systems are engineered to ensure that all pertinent components are easily accessible with minimal effort. This facilitates efficient maintenance operations, thereby reducing operational costs and enhancing machine availability.





# ROBUST COMPONENTS FOR A FORMIDABLE MACHINE

# NR35UF

## MAXIMUM DIGGING CAPABILITY, OPTIMAL REACH: OUR MINI EXCAVATOR ESTABLISHES BENCHMARKS.



Our mini excavator provides unparalleled digging power and reach in the market. With its robust hydraulics and precise controls, it adeptly handles any challenge. Its extended reach facilitates efficient operations across diverse tasks.

environments. Depend on its durable construction for exceptional performance, regardless of the conditions. Prepared to succeed – explore the opportunities with our mini excavator today.

## CYLINDER AND PISTON SAFEGUARDING ON THE BOOM CYLINDER ENHANCES THE MACHINE'S SERVICE LIFE.

The implementation of cylinder and piston guards mitigates the risk of damage to the hydraulic cylinders and pistons, thereby prolonging the service life of the mini excavator.

### Reduce downtime:

Damaged hydraulic cylinders and pistons can result in expensive repairs and operational delays. An efficient protection system mitigates potential damage, thereby maximizing the mini excavator's operational uptime.

### Enhanced safety for employees:

Cylinder and piston guards mitigate the risk of accidents on construction sites by preventing dirt, stones, or other materials from damaging the cylinders or pistons, thereby averting unexpected hydraulic failures.

### Enhanced operational performance:

By safeguarding the hydraulic cylinders and pistons, their efficiency can be enhanced, preventing performance losses resulting from damage. This results in a significantly enhanced operational performance of the mini excavator.

### Cost-effectiveness:

Investing in a cylinder and piston guard can result in substantial long-term cost savings by mitigating the need for costly repairs. Downtime can be mitigated and maintenance expenses can be minimized.

## AUTOMATIC GEAR SHIFTING FOR MINI EXCAVATORS: EFFICIENT OPERATION, ENTIRELY AUTOMATED.

Our cutting-edge automatic gearshift enhances the operation of your mini excavator by seamlessly transitioning between higher and lower gears as required.

Work requirements. Experience a seamless driving experience that effortlessly adapts to your work style and enhances productivity.

## THE KUBOTA D1703 ENGINE PRESENTS SEVERAL COMPELLING ADVANTAGES. FOR ITS APPLICATION IN OUR NR35UF:

The engine is distinguished by its exceptional reliability, which is essential for prolonged use in an excavator, particularly in challenging working conditions.

Its fuel efficiency facilitates economical operation, leading to reduced operating costs and enhancing the excavator's profitability.

With its exceptional low-speed torque, the engine is perfectly suited for excavating and lifting substantial loads, thereby enhancing the performance and efficiency of the excavator. Its service-oriented design facilitates swift and straightforward maintenance, reducing downtime and optimizing excavator productivity.

### KUBOTA STAGE V ENGINE



The engine adheres to stringent emissions standards, promoting environmentally sustainable operation and ensuring compliance with regulatory requirements, which is essential for functioning in diverse environments.

## OTHER SIGNIFICANT ELEMENTS OF PREMIUM BRANDS



**HENGLI**  
Cartridge valves  
and joystick



**HENGLI**  
Primary pump



**KYB**  
traction motor



**KYB**  
Rotary actuator



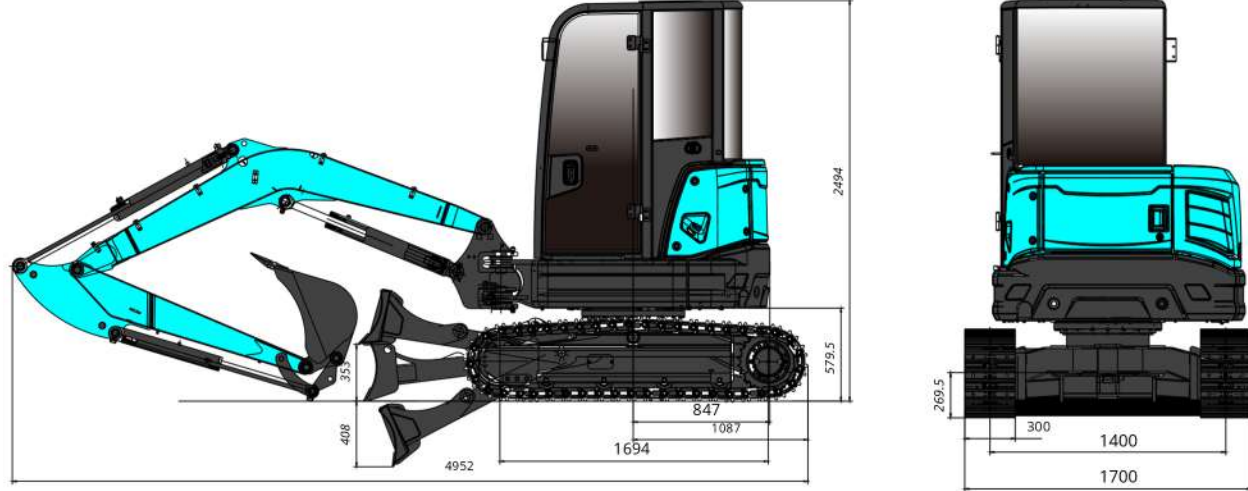
TECHNICAL SPECIFICATIONS

NR35UF

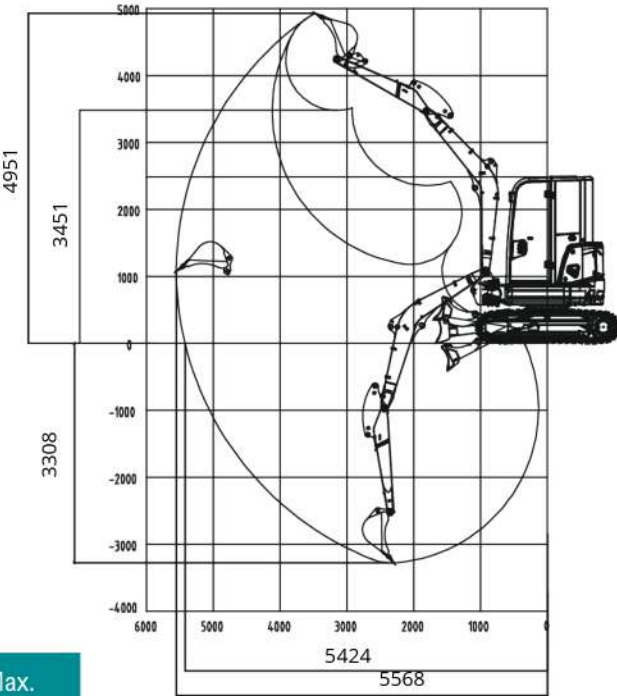
TECHNICAL SPECIFICATIONS

|                              |                                            |                    |
|------------------------------|--------------------------------------------|--------------------|
| cabin classification         |                                            | Complete cabin     |
| machine mass                 |                                            | 3850 kg            |
| dimensions                   | overall dimensions (mm) (L x W x H)        | 4952Lx1700Bx2494H  |
|                              | ground clearance                           | 269,5 mm           |
| motor                        | brand                                      | Kubota             |
|                              | model                                      | D1703              |
|                              | emission level                             | EU Stage V         |
|                              | displacement                               | 1,647 l            |
|                              | performance                                | 18.2 kW / 2200 rpm |
| chassis                      | type                                       | rubber tracks      |
|                              | chain width                                | 230mm              |
| undercarriage                | chassis dimensions                         | 2174 mm            |
|                              | distance to the center of the rollers      | 1670 mm            |
|                              | distance to the center of the slewing ring | 850 mm / 1087 mm   |
|                              | driving speed (combined/maximum)           | 2.3/4.0 km/h       |
|                              | climbing proficiency                       | 30°                |
| panning velocity             |                                            | 9.5 rpm            |
| ground pressure              |                                            | 34 kPa             |
| bulldozer blade              | width                                      | 1700 mm            |
|                              | height                                     | 370 mm             |
|                              | range of motion vertical                   | 353 / 408 mm       |
| hydraulic pump               | type                                       | Hengli             |
|                              | flow                                       | 88 L/min           |
|                              | hydraulic pressure                         | 24.5 MPa + 3.2 MPa |
| rotary actuator              | rotary actuator                            | KYB                |
| drive                        | drive                                      | KYB                |
| fuel tank capacity           |                                            | 40 L               |
| hydraulic reservoir capacity |                                            | 41 L               |

OPERATIONAL DIMENSIONS



|            |                                       |         |
|------------|---------------------------------------|---------|
| workspaces | max. loading height                   | 3451 mm |
|            | maximum digging depth                 | 3308 mm |
|            | max. Grabbing Range                   | 5568 mm |
|            | boom swivel angle (left/right)        | 65°/47° |
|            | front turning radius                  | 1580mm  |
|            | rear swing radius                     | 1106mm  |
|            | maximum tearing force (dipper handle) | 19,8 kN |
|            | maximum breakout force (bucket)       | 31,8 kN |
|            |                                       |         |



| A   | 2.5 m |      | 3 m   |      | 3.5m  |      | 4m    |      | Max.  |      |
|-----|-------|------|-------|------|-------|------|-------|------|-------|------|
| B   | front | side | front | side | front | side | front | side | front | side |
| 3 m | /     | /    | /     | /    | /     | /    | /     | /    | 687   | 382  |
| 2 m | 1227  | 847  | 1017  | 645  | 879   | 472  | 382   | 382  | 774   | 292  |
| 1 m | 1853  | 757  | 1357  | 555  | 1079  | 457  | 957   | 337  | 809   | 262  |



## SUPPLEMENTARY APPARATUS

- Trench cleaning bucket
- sieve bucket
- excavator rake
- Tele-bucket
- Quick coupler
- Quick coupler featuring a swivel motor
- Auger
- Hydraulic breaker



## UNMATCHED TRANSPORTABILITY

With a width of merely 1700 mm and a weight of 3850 kg, our mini excavators exemplify mobility. Their compact dimensions and lightweight design facilitate easy transportation on vehicles without compromising power or functionality. Whether moving between job sites or navigating confined construction areas, our models provide the flexibility and mobility essential for efficiently completing your projects.



The automatic swivel lock and the six lashing points on the machine guarantee safe and effortless transportation of the machine and its accessories.

## GLOBAL DISTRIBUTION AND SUPPLY OF SPARE PARTS



Thanks to NEUMEIER GmbH's strategic location in Europe, the delivery of spare parts and machinery is seamless and can be accomplished in a remarkably short timeframe. Within Germany, delivery is facilitated through overnight express, while shipments across Europe are completed within 1-2 days, and international deliveries are conducted via air freight.

### ASSURED AVAILABILITY OF SPARE PARTS AND DELIVERY

From its headquarters in Furth im Wald, NEUMEIER GmbH facilitates the seamless shipment of spare parts throughout Germany within a 24-hour timeframe.

Machines can be acquired from designated NEUMEIER products can be obtained through authorized dealers or directly from us within approximately 1-2 weeks. A selection of accessories and attachments is frequently available, enabling you to outfit your machine in the shortest possible timeframe.



## GLOBAL DISTRIBUTORS:

Our products are not only available globally but are also backed by a network of committed dealers. These partners are equipped not only to sell our products but also to offer local support and comprehensive services.

Regardless of whether you reside in a bustling metropolis or in more secluded regions, our dealers are equipped to assist you with inquiries, installations, maintenance, or repairs. Their dedication to excellence and expertise renders them invaluable partners for your requirements.



### Local assistance, accessible everywhere

Wherever you may be, you can depend on the assistance and service provided by our dealers.