

NEUMEIER

A detailed list of our dealers can be found on our website.



DEALER CONTACT DETAILS



Specifications are subject to change, and this brochure may not reflect the latest specifications. The images contained within this brochure may not represent the current market configuration. Please contact your dealer to confirm specifications and configurations. All rights to this brochure are reserved by NEUMEIER GmbH. We recommend reviewing the operating instructions before using NEUMEIER machines.

Engine power: 7.2 kW
Machine weight: 1,010 kg

NR08F



Stand: 12/2024

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NEUMEIER

Construction machinery that provides an exceptional price-performance ratio.

DISCOVER THE NR08F COMPACT EXCAVATOR: YOUR SOLUTION FOR EFFICIENT AND FLEXIBLE WORK!

Welcome to the introduction of the NR08F mini excavator—the ideal instrument for your construction and excavation projects. With its innovative design and durable features, the NR08F is set to exceed your expectations and improve your workflows.

STREAMLINED DESIGN COMBINED WITH EXCEPTIONAL PERFORMANCE

THE NR08F MINI EXCAVATOR IS DISTINGUISHED BY ITS SOPHISTICATED, COMPACT DESIGN, MAKING IT IDEAL FOR OPERATIONS IN CONFINED, HARD-TO-REACH AREAS. DESPITE ITS SMALL STATURE, IT OFFERS IMPRESSIVE PERFORMANCE AND SIGNIFICANT DIGGING POWER, RENDERING IT SUITABLE FOR MORE DEMANDING TASKS ON CONSTRUCTION SITES. ITS REDUCED FOOTPRINT AND MANEUVERABILITY ENABLE EFFICIENT WORK EVEN IN LIMITED SPACES.

IMPRESSIVE VERSATILITY

THE NR08F MINI EXCAVATOR OFFERS EXCEPTIONAL VERSATILITY. EQUIPPED WITH A WIDE RANGE OF ATTACHMENTS, IT IS WELL-SUITED FOR VARIOUS APPLICATIONS—SPANNING FROM EXCAVATION AND GRADING TO DETAILED LANDSCAPING. ITS FLEXIBILITY AND ADAPTABILITY POSITION IT AS A TRUE ALL-ROUNDER, CAPABLE OF FUNCTIONING EFFECTIVELY IN DIVERSE SITUATIONS.

EFFICIENCY AND ENVIRONMENTAL SUSTAINABILITY

IN ADDITION TO ITS OUTSTANDING PERFORMANCE, THE NR08F MINI EXCAVATOR DEMONSTRATES REMARKABLE EFFICIENCY AND ENVIRONMENTAL SUSTAINABILITY. ADVANCED DRIVE TECHNOLOGIES GUARANTEE MINIMAL FUEL CONSUMPTION, WHILE REDUCED EMISSIONS AND LOW NOISE LEVELS MAKE THE MINI EXCAVATOR AN ENVIRONMENTALLY RESPONSIBLE CHOICE. THE NR08F PARTICULARLY HIGHLIGHTS ITS BENEFITS IN URBAN ENVIRONMENTS OR ON CONSTRUCTION SITES WITH STRICT ENVIRONMENTAL REGULATIONS.

INVESTING IN THE FUTURE

INVESTING IN THE NR08F MINI EXCAVATOR REPRESENTS A COMMITMENT TO THE FUTURE. ITS CUTTING-EDGE TECHNOLOGY, PROLONGED SERVICE LIFE, AND ROBUST CONSTRUCTION MAKE THIS MINI EXCAVATOR A FORMIDABLE AND SUSTAINABLE ASSET. ORGANIZATIONS THAT PRIORITIZE EFFICIENCY, SUSTAINABILITY, AND LONG-TERM PROFITABILITY ARE MAKING A PROGRESSIVE CHOICE BY SELECTING THE NR08F.



Rudolf Neumeier, NEUMEIER GmbH

THE MOST NOTABLE HIGHLIGHTS AT A GLANCE

- **SIMPLE TRANSPORT** enabled by the ability to load the vehicle, along with its equipment, onto a car trailer.
- **MINIMAL SPACE REQUIREMENTS** resulting from a compact design with a shortened rear overhang.
- **USE ON SMALLER CONSTRUCTION SITES**
The reduced passage width facilitates entry through garden gates and doors into courtyards and buildings.
- **EXCEPTIONAL DURABILITY** resulting from flaps and hoods made of sheet steel

The characteristics of the NR08F mini excavator make it a preferred tool among construction companies, landscapers, and other professionals seeking a versatile and efficient excavator solution for smaller projects.



- **VERSATILE APPLICATIONS** facilitated by an additional controllable hydraulic circuit for attachments. **EFFECTIVE PERFORMANCE** derived from the original YANMAR engine and LKC hydraulics.
- **LOW-VIBRATION DRIVING OPERATION** is accomplished through short-pitch rubber tracks and externally guided track rollers.
- **OPTIMAL VISION** attained through LED work lights
- **SAFE TRANSPORT** is guaranteed by standard lashing eyes located on the undercarriage.
- **STABLE SUPPORT** is offered by an extended and elevated dozer blade. **QUICK OVERVIEW** is achieved through clearly defined functions of the fittings.
- **EXCEPTIONAL COMFORT** is ensured by the ergonomic driver's seat, which can be adjusted to accommodate taller drivers.
- **EFFICIENT FUEL MANAGEMENT** featuring a fuel gauge positioned on both the console and the tank.

THE CORPORATE LANDSCAPE

IDEALLY SUITED:

The advantages of a ROPS (Roll Over Protective Structure) include a secured seat for a mini excavator, enhanced by features such as a suspended artificial leather seat suitable for outdoor use, as well as safety components like a seat belt. These characteristics collectively ensure both comfort and safety for the operator.

Here are several significant advantages:

ACCIDENT PREVENTION STRATEGIES:

The ROPS, TOPS, and FOPS structures provide substantial protection for the operator in the event of accidents, including scenarios involving the excavator rolling over, tipping on uneven terrain, or the risk of falling objects. This significantly reduces the likelihood of injury.

PLEASANT WORK ENVIRONMENT:

The suspended seat encourages an ergonomic seating posture and reduces fatigue during prolonged work hours.

IMPROVED SECURITY:

The seat belt provides increased protection by ensuring that the operator remains firmly in their seat, especially when navigating uneven terrain or during sudden movements of the excavator.



OUR PILOT-OPERATED JOYSTICKS ARE SPECIFICALLY DESIGNED FOR MINI EXCAVATORS.

Discover the future of excavator operation with our intuitively designed and ergonomically optimized joysticks. Their strategically positioned controls guarantee effortless and precise handling for every task at the job site.

Experience improved performance and reduced fatigue.

The NEUMEIER NR08F machines are equipped as standard with two pilot-operated joysticks.



NR08F

LEGAL OBLIGATIONS AND STANDARDS:

Compliance with ROPS standards is legally required in many countries to ensure the safety of construction vehicle operators. By integrating these structures and safety features, the mini excavator conforms to applicable regulations and standards.

User-friendly and intuitive interface. Experience the ease of operation with the intuitive control buttons on our mini excavator. Our advanced system simplifies the management of your construction vehicle like never before. The clear console displays all relevant information at a glance, while the ergonomically designed buttons, levers, and joysticks enable seamless navigation. Whether you are a seasoned professional or a novice, our user interface guarantees that operating the mini excavator is effortless. Enjoy unmatched efficiency and comfort.

In summary, the ROPS, TOPS, and FOPS establish a secure work environment, enhanced by supplementary comfort and safety features, including a suspended seat. These components deliver optimal protection and comfort for the operator while operating the mini excavator, thereby ensuring both efficiency and safety in the workplace.

STANDARD EQUIPMENT NR08FS

WORK EQUIPMENT

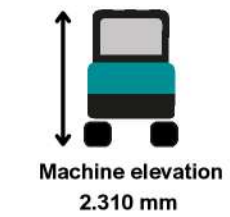
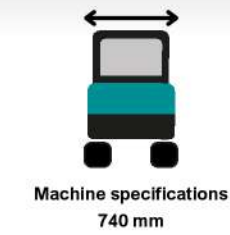
- A fully integrated auxiliary control circuit with connections on the excavator arm.
- Pressure relief for the auxiliary hydraulics
- Lifting cylinder protection
- Piercing illumination
- LED task lighting

DOZER BLADE

- securable with eyelets
- Shield expanding to the width of the chain.

DRIVE

- Short-Pitch-Gummiketten
- Externally oriented drive rollers
- Braked traction motors (automatic)
- Roadway expansion



Machine weight
1.010 kg



Engine performance
7.2 kW (9.8 hp)

NR08F

ENGINE/HYDRAULICS

YANMAR Diesel Engine

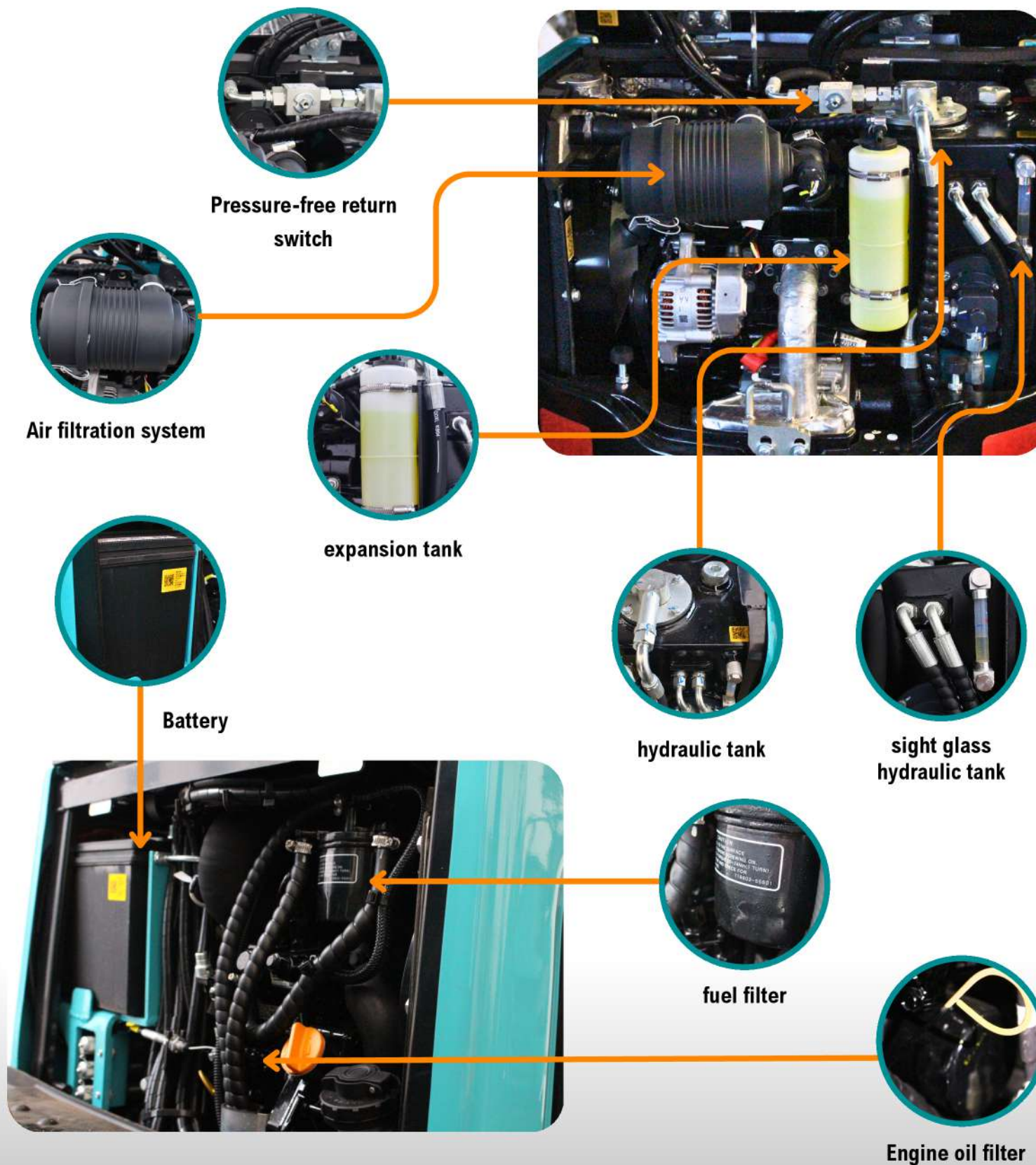
- Euro V emissions standard Electric fuel pump
- Durable LKC hydraulic pump
- High-performance oil and water coolers
- Automatic swing brake
- Onboard equipment and lubrication gun
- Automatic fuel venting system

WORKPLACE

- Safety Structure: TOPS/ROPS/OPG Level 1
- Ergonomic seat with lumbar support
- Hydraulically actuated pilot-controlled drive levers

STREAMLINED SERVICE AND MAINTENANCE

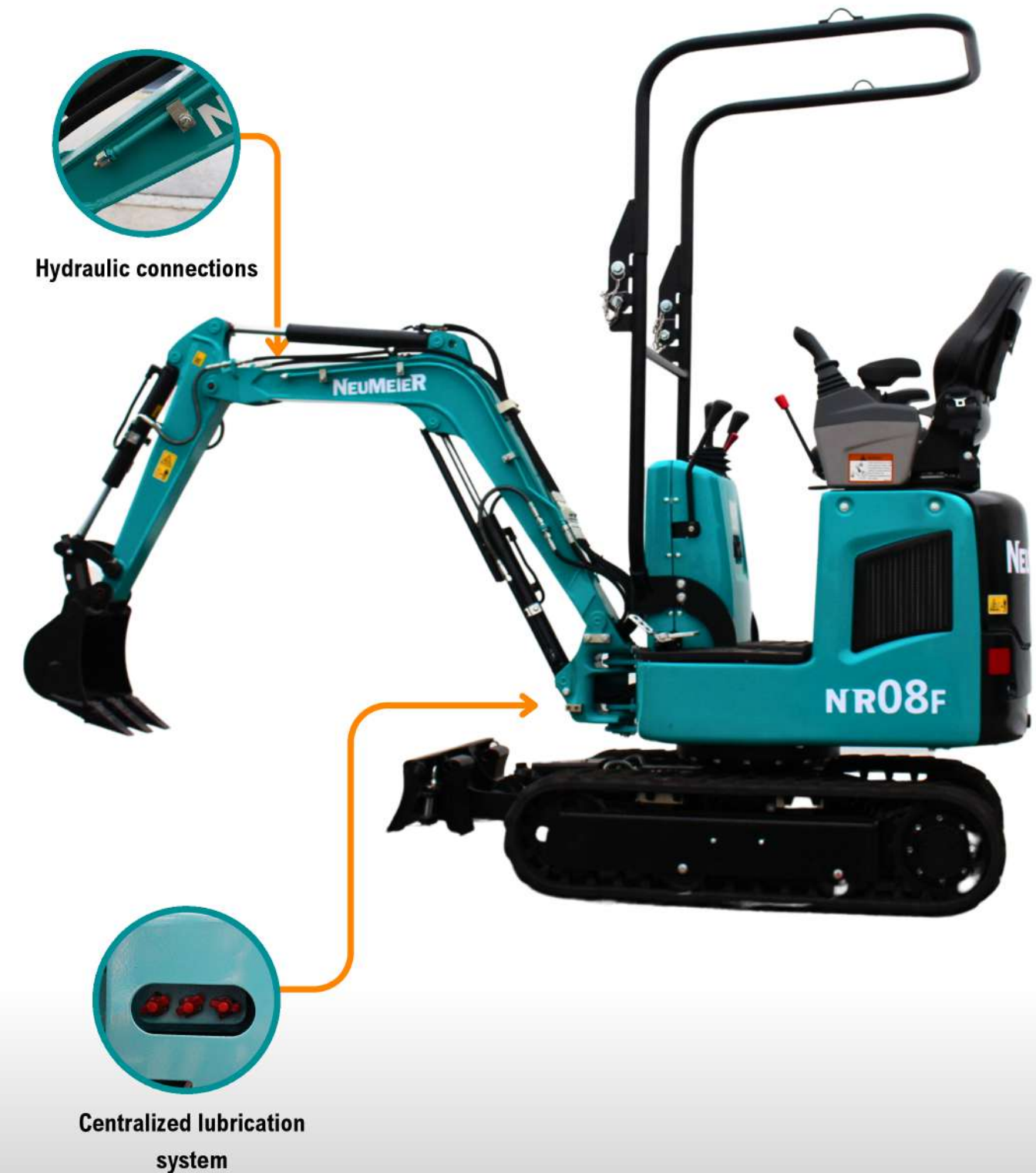
UNPARALLELED VALUE FOR THE PRICE!



NR08F

The NR08F mini excavator features a remarkably service-friendly design. The strategic arrangement of maintenance and service points allows for quick and easy access to vital components. The engine compartment and the

Hydraulic systems are designed to guarantee that all relevant components are readily accessible. This promotes efficient maintenance, subsequently reducing operational costs and improving machine availability.



DURABLE COMPONENTS FOR A RESILIENT MACHINE

NR08F

MAXIMUM DIGGING CAPABILITY AND OPTIMAL REACH: OUR MINI EXCAVATOR SETS NEW STANDARDS.



NR08F – maximum 2.827 mm

Our mini excavator offers unmatched digging power and reach within the market. Equipped with robust hydraulics and precise controls, it skillfully manages any challenge. Its extended reach enhances operational efficiency across a variety of tasks.

environments. Rely on its robust construction for outstanding performance, irrespective of the conditions. Ready for success – discover the possibilities with our mini excavator today.

THE PROTECTION OF THE CYLINDER AND PISTON ON THE BOOM CYLINDER EXTENDS THE MACHINE'S SERVICE LIFE.

The installation of cylinder and piston guards reduces the risk of damage to the hydraulic cylinders and pistons, thereby extending the service life of the mini excavator.

Minimize downtime:

Damaged hydraulic cylinders and pistons can lead to costly repairs and operational delays. An effective protection system reduces the risk of potential damage, thereby optimizing the mini excavator's operational uptime.

Improved safety for employees:

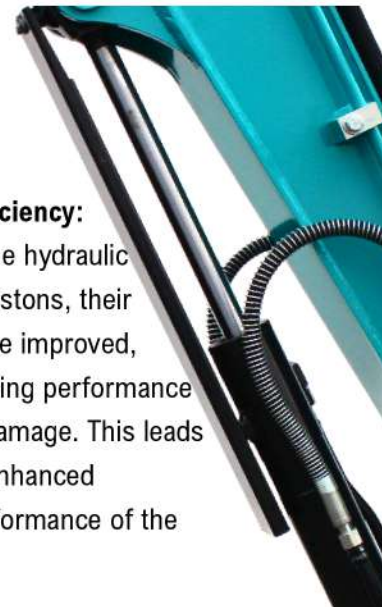
Cylinder and piston guards reduce the risk of accidents on construction sites by shielding the cylinders and pistons from dirt, stones, and other materials, thus preventing unforeseen hydraulic failures.

Improved operational efficiency:

By protecting the hydraulic cylinders and pistons, their efficiency can be improved, thereby preventing performance losses due to damage. This leads to a markedly enhanced operational performance of the mini excavator.

Cost-effectiveness:

Investing in a cylinder and piston guard can yield significant long-term cost savings by reducing the necessity for expensive repairs. can be alleviated and maintenance costs can be reduced.



OPERATE IN CONTROLLED ENVIRONMENTS AND PASSAGE VIABLE

Thanks to its adjustable chassis, the mini excavator features a retracted width of only 750 mm, allowing for easy access to narrow gardens or interior spaces.

THE YANMAR 2TNV70F ENGINE OFFERS NUMEROUS SIGNIFICANT ADVANTAGES. FOR ITS IMPLEMENTATION IN OUR NR08F:

The engine is characterized by its remarkable reliability, which is crucial for extended operation in an excavator, especially in demanding working environments.

Its fuel efficiency enables cost-effective operation, resulting in lower operating expenses and improving the excavator's profitability.

With its remarkable low-speed torque, the engine is ideally designed for excavating and lifting significant loads, thereby improving the performance and efficiency of the excavator. Its service-oriented design enables rapid and uncomplicated maintenance, minimizing downtime and maximizing excavator productivity.

YANMAR STAGE V ENGINE



The engine complies with rigorous emissions standards, fostering environmentally sustainable operation and guaranteeing adherence to regulatory requirements, which is vital for operation in various environments.

OTHER NOTABLE ASPECTS OF PREMIUM BRANDS



LKC
cartridge valves and joystick



WAYNE
Main pump



LKC
traction motor



Eaton
Swivel Motor

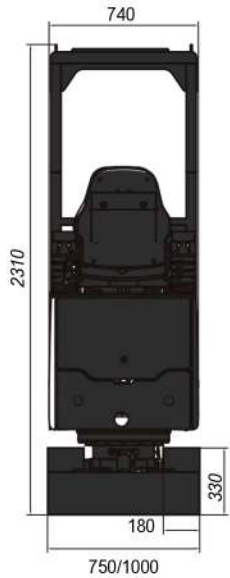
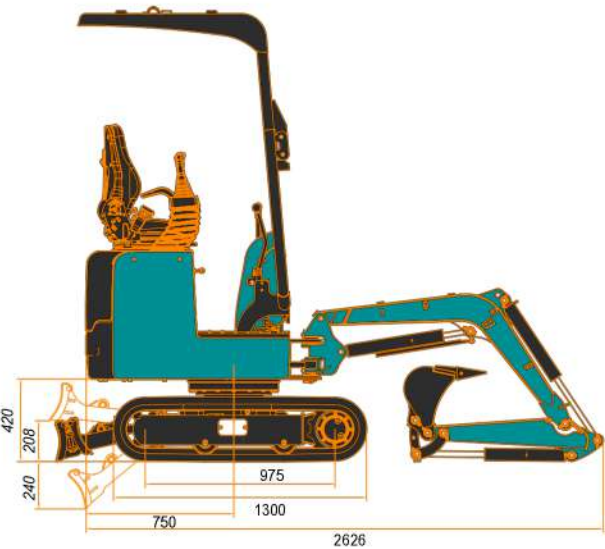
TECHNICAL SPECIFICATIONS

NR08F

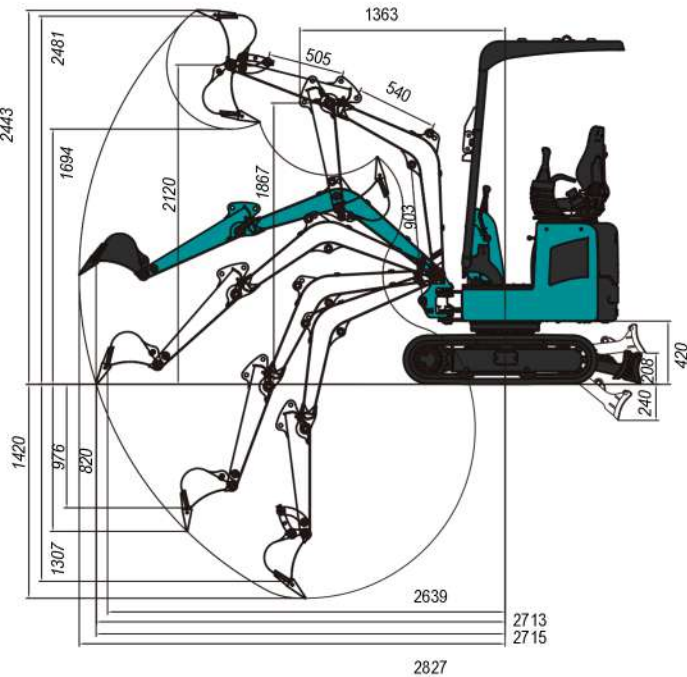
TECHNICAL SPECIFICATIONS

cabin categorization		protective cover
machine weight		1010 kg
dimensions	pverall dimensions (mm) (Length x Width x Height)	2640Lx750Bx2250H
	ground clearance	151 mm
motor	brand	Yanmar
	model	2TNV70-PSU
	emission level	EU Stage V
	displacement	0,57 l
	performance	7.2 kW at 2,200 rpm
chassis	type	rubber track
	chain width	180 mm
undercarriage	chassis specifications	1300 mm
	distance to the center of the rollers	975 mm
	length to the midpoint of the chain.	750 mm / 820 mm
	driving speed (combined/maximum)	1.5 / 2.9 km/h
	ascendancy	30°
panning speed		8,2 rpm
ground pressure		24,5 kPa
bulldozer blade	width	750 mm / 1000 mm
	height	208 mm
	Vvertical range of motion	208 mm / 240 mm
hydraulic pump	type	LP028
	flow	9.6 x3 L/min.
	hydraulic pressure	16 MPa
Rotary actuator	rotary actuator	Nachi
drive	drive	LKC
fuel tank capacity		9,4 L
hydraulic reservoir volume		9,5 L

OPERATIONAL PARAMETERS



workspaces	maximum Loading Height	1694 mm
	maximum excavation depth	1420 mm
	maximum Grabbing Range	2827 mm
	boom swivel angle (left/right)	73 °/53 °
	front turning radius	1221 mm
	rear swing radius	750 mm
	maximum tensile strength (dipper handle)	5.8 kN
	maximum breakout force (bucket)	9.4 kN



A	Max.		2.0 m		1.0 m	
B	front	side	front	side	front	side
2.0 m	178*	174*	/	/	/	/
1.0 m	200*	158	222*	213*	405*	405*
0 m	226*	158	265*	165	592*	424
-1.0 m	274*	235*	/	/	339*	331*

SUPPLEMENTARY EQUIPMENT

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



UNPARALLELED TRANSPORTABILITY

With a width of only 750/1000 mm (undercarriage retracted/extended) and a weight of 1010 kg, our mini excavators demonstrate remarkable mobility. Their compact dimensions and lightweight construction enable easy transportation on trailers or transport vehicles, while still delivering substantial power and functionality. Whether transitioning between job sites or maneuvering through tight construction spaces, our models offer the flexibility and agility required to complete your projects efficiently.



The automatic swivel lock, in conjunction with the six lashing points on the machine, ensures secure and effortless transportation of the machine and its accessories.

GLOBAL DISTRIBUTION AND SUPPLY CHAIN OF SPARE PARTS



Thanks to NEUMEIER GmbH's advantageous location in Europe, the delivery of spare parts and machinery is efficient and can be executed in an impressively brief timeframe. Deliveries within Germany are conducted via overnight express, to European countries within 1-2 days, and to destinations outside Europe through air freight.

GUARANTEED AVAILABILITY OF REPLACEMENT COMPONENTS AND DELIVERY

From its headquarters in Furth im Wald, NEUMEIER GmbH ensures the efficient delivery of spare parts across Germany within a 24-hour period.

Machines can be procured from designated NEUMEIER products through authorized dealers or directly from us, typically within a timeframe of 1-2 weeks. A variety of accessories and attachments are often available, allowing you to equip your machine promptly.



GLOBAL DISTRIBUTORS:

Our products are available worldwide and are supported by a network of dedicated dealers. These partners are not only capable of selling our products but also providing local assistance and comprehensive services.

Regardless of whether you live in a vibrant city or a remote area, our dealers are prepared to assist you with inquiries, installations, maintenance, or repairs. Their commitment to excellence and expertise makes them indispensable partners for your needs.



Local support, available everywhere

No matter your location, you can rely on the support and service offered by our dealers.