

NTC

PRODUCT PORTFOLIO



COZAMAQ

WHO WE ARE

NTC STAVEBNÍ TECHNIKA s. r. o.

We are a Czech family-owned company with more than 30 years of experience in the development and production of professional light construction equipment. Since our founding in 1991, we have established a strong position in both domestic and international markets, with the majority of our production now being exported abroad. We proudly rely on local resources whenever possible, and the development, manufacturing, and assembly of our products take place in the Czech Republic. We continuously invest in the quality, innovation, and technological advancement of our products.

Our portfolio includes a wide range of construction machinery, such as vibratory plates, rammers, rollers, joint cutters, and power generators. Each product is designed with a focus on durability, efficiency, and ergonomics to meet the highest demands of construction professionals. In addition to conventional gasoline and diesel models, we also focus on improving the user experience with our products, so we continuously develop battery powered solutions under our e.Vision program.

Thanks to our in-house production in the Czech Republic, we have complete control over every step of the production process – from development to final testing. We adhere to strict quality standards and hold ISO 9001:2015 certification.

At NTC, we emphasize building long-term relationships with our customers and partners. Our priority is to provide not only top-quality products but also first-class customer service and expert advice. By combining innovation, quality, and Czech craftsmanship, we have become a trusted name in the field of construction equipment.



FORWARD VIBRATORY PLATES

MINI | PRACTIC | ELEGANT | KLASIK | e.VISION



REVERSIBLE VIBRATORY PLATES

RANGE | PRIM | DUTY | QUEEN



TAMPING RAMMERS

SPARK | e.VISION



WALK-BEHIND VIBRATORY ROLLERS

STANDARD | CONTROL | ELLIPSE



TANDEM VIBRATORY ROLLERS

SHIELD



FLOOR SAWS

EASY | PRO | MOVE | e.VISION



**We hold a quality management
certificate according to ISO 9001:2015.**

FORWARD VIBRATORY PLATES

Non-directional vibration as a move force

Forward vibratory plates work with a principle of non-directional vibration, which means that the vibration is generated by single-shaft exciter. The exciter generates a centrifugal force used for a compaction as well as for a forward movement.

These machines stand out for their simple design, which minimizes the number of wear parts and makes maintenance and servicing easier. With easy access to key components, routine service tasks can be carried out quickly without the need for complex procedures. This not only reduces operating costs but also shortens machine downtime, increasing efficiency and reliability in everyday use.



Forward vibratory plates are for us in NTC a matter of our hearts. With this series, in 1992 we started the path of our own development of machines and in June 1994 we started serial production of the very first NTC forward vibrating plate called VD 350/16.

OPTIONAL

- /// Sprinkling kit for asphalt compaction
- /// Soft pad for paving compaction
- /// Wheel kit
- /// Hour counter
- /// Throttle lever on the handle

ENGINE

All forward vibratory plates are supplied with a Honda engine, and the Praktik series is also available with a Vanguard engine. For more environmentally friendly and quieter operation, we also offer a version with a modern battery-powered drive, which delivers sufficient performance while minimizing operating emissions.

MINI SERIES



TYPE	VD 12P
Weight kg	60
Plate dimensions (WxL) mm	330x460
Centrifugal force kN	12
Frequency Hz	100
Maximal speed m/min	25
Engine manufacturer	HONDA
Engine type	GX 120
Fuel	Petrol
Net power kW/3600 rpm	2,6
Machine Code	VD 12P



ELEGANT SERIES



TYPE	VD 15	VD 18	VD 20	VD 24
Weight kg	85	95	105	110
Plate dimensions (WxL) mm	400x565	450x565	500x565	500x565
Centrifugal force kN	15	18	20	24
Frequency Hz	100	100	100	100
Maximal speed m/min	25	25	25	25
Engine manufacturer	HONDA	HONDA	HONDA	HONDA
Engine type	GX 160	GX 160	GX 160	GX 160
Fuel	Petrol	Petrol	Petrol	Petrol
Net power kW/3600 rpm	3,6	3,6	3,6	3,6
Machine Code	VD 15	VD 18	VD 20	VD 24

REVERSIBLE VIBRATORY PLATES

Power of directed vibration

Reversible vibratory plates use the principle of directed vibration for compaction. This phenomenon most often uses an exciter consists of two coupled eccentric shafts of opposite rotation and the resultant force ensure ideal performance of the working potential of the exciter.

Thanks to the directed compacting force is possible to achieve a reverse movement of machine or on-spot compaction. This option significantly improves machine handling and compaction procedure efficiency.



We have been developing reverse vibration plates since 2004, when we started this category with the VDR 22 machine. This was followed by the expansion of the performance series, and currently our range covers the entire weight spectrum from 95 kg to 615 kg.

OPTIONAL

- /// Sprinkling kit for asphalt compaction
- /// Soft pad for paving compaction
- /// Soft pad for high-load-paving compaction (DUTY SERIES)
- /// Wheel kit
- /// Hour counter
- /// Electric start

ENGINE

Reversible vibratory plates are available with Honda, Vanguard, and Hatz engines, with selected models also offered with an electric starter.

RANGE SERIES

LIGHTWEIGHT (up to 200 kg)



TYPE	VDR 20	VDR 22	VDR 26
Weight kg	95	120	160
Plate dimensions (WxL) mm	350x560	400x630	450x700
Centrifugal force kN	20	22	26
Frequency Hz	100	100	95
Maximal speed m/min	24	24	22
Engine manufacturer	HONDA	HONDA	HONDA
Engine type	GX 120	GX 160	GX 200
Fuel	Petrol	Petrol	Petrol
Net power kW/3600 rpm	2.6	3.6	4.1
Electric start	No	No	No
Machine Code	VDR 20	VDR 22	VDR 26



PRIM SERIES

MIDWEIGHT (200-300 kg)



TYPE	VDR 32
Weight kg	210
Plate dimensions (WxL) mm	500x750
Centrifugal force kN	32
Frequency Hz	90
Maximal speed m/min	22
Engine manufacturer	HONDA
Engine type	GX 200
Fuel	Petrol
Net power kW/3600 rpm	4.1
Electric start	No
Machine Code	VDR 32

QUEEN SERIES

SUPER HEAVYWEIGHT (500+ kg)



TYPE	VDR 75
Weight kg	615
Plate dimensions (WxL) mm	750x1010
Centrifugal force kN	75
Frequency Hz	68
Maximal speed m/min	26
Engine manufacturer	HATZ
Engine type	1 D 81
Fuel	Diesel
Net power kW/3600 rpm	10.1
Electric start	Yes
Machine Code	VDR 75HE

DUTY SERIES

HEAVYWEIGHT (300-500 kg)



TYPE	VDR 52	VDR 63
Weight kg	370	440
Plate dimensions (WxL) mm	600x815	700x895
Centrifugal force kN	52	63
Frequency Hz	75	74
Maximal speed m/min	28	26
Engine manufacturer	HATZ	HATZ
Engine type	1 B 30	1 B 50
Fuel	Diesel	Diesel
Net power kW/3600 rpm	5.0	7.9
Electric start	Yes	Yes
Machine Code	VDR 52HE	VDR 63HE

TAMPING RAMMERS

Soil experts

These machines are specialists in soil compaction and, thanks to their design, they offer high compaction performance even in a compact size. They are most commonly used for smaller-scale compaction work, where intensive material compaction is required in confined spaces, such as trenches, building foundations, or around pipelines and other utility networks.

They are particularly effective for compacting clay soils, utilizing the impact force of each strike. Thanks to these features, they have become an indispensable tool for a wide range of construction applications.



Tamping rammers remain unmatched compaction machines, especially when it comes to compacting cohesive and mixed soils in narrow or hard-to-reach areas. Despite advancements in compaction technology, vibratory rammers continue to hold their indispensable position thanks to their unique combination of performance, reliability, and versatility.

OPTIONAL

- Wheel kit
- Handle under the engine (model NT 76P)
- Hour counter (model e.NT 75)

ENGINE

Tamping rammers are available with a Honda engine, as well as in a battery-powered version for environmentally friendly and quieter operation.



SPARK SERIES

TYPE	NT 72P
Weight kg	72
Shoe dimensions (WxL) mm	285x340
Compacting force kN	17
Frequency blows/min	650
Amplitude mm	60
Engine manufacturer	HONDA
Engine type	GXR 120
Fuel	Petrol
Net power kW/3600 rpm	2,7
Prefilter	Yes
Machine Code	NT 72P



WALK-BEHIND VIBRATORY ROLLERS

Masters of surface compaction

Walk-behind or pedestrian vibratory rollers are specialists in achieving uniform compaction of surface layers. Their powered drums and low vibration amplitude ensure high machine stability and its weight ensures the depth effect of the compaction.

They are most commonly used for finishing work on asphalt surfaces, roads, or parking areas, where a smooth and precise surface is essential.



NTC walk-behind rollers have been at the forefront of global excellence in this category since 1998, when we introduced the first model of this series to the market. It brought a highly innovative and, at the time, unconventional solution by using electromagnetic clutch that achieved top performance parameters.

We continue to innovate in this area, offering globally unique solutions tailored for specific applications.

OPTIONAL

- Hour counter
- Steering wheel scraper (CONTROL series)
- Steering wheel sprinkling (CONTROL series)

ENGINE

Walk-behind vibratory rollers are available with either a Honda or Hatz engine, with the Hatz models featuring an electric starter.



STANDARD SERIES

TYPE	VVV 600/12	
Weight kg	560	580
Drum width mm	600	600
Centrifugal force kN	12	12
Frequency Hz	60	60
Maximal speed ↑↓ km/hod	5 / 2	5 / 2
Gradeability °	20	20
Engine manufacturer	HONDA	HATZ
Engine type	GX 200	1 B 20
Fuel	Petrol	Diesel
Net power kW/3600 rpm	4,1	3,4
Electric start	No	Yes
Machine Code	VVV 600/12	VVV 600/12HE



TANDEM VIBRATORY ROLLERS

The comfort of large machines in small dimensions

Tandem rollers represent both light and heavy compaction equipment. At NTC, we focus on the development of light tandem rollers. These machines offer operators the highest level of working comfort in this category and are perfectly suited as support machines for linear construction projects. However, they are primarily used for maintenance and repair work.



Tandem vibratory rollers are the largest machines in our production program. We have been developing these machines for more than 15 years. During this time, we have gained extensive experience and valuable customer feedback, which we continuously apply when upgrading and modernizing our rollers.

OPTIONAL

- /// Canopy (rain roof)
- /// Safety beacon
- /// Reversing alarm
- /// Box for documents
- /// Rear drum vibration ON/OFF switch at the control panel
- /// Safety flash lights

ENGINE

Tandem vibratory rollers are available in two versions, with each model offered with either a Honda or Hatz engine, and all are equipped with an electric starter.



SHIELD SERIES

TYPE	VT 090		VT 100	
Weight kg	1360	1390	1430	1460
Drum width mm	900	900	1000	1000
Centrifugal force kN	2x14	2x14	2x16	2x16
Frequency Hz	60	60	60	60
Maximal speed ↑↓ km/hod	10 / 10	10 / 10	10 / 10	10 / 10
Gradeability °	20	20	20	20
Engine manufacturer	HONDA	HATZ	HONDA	HATZ
Engine type	GX 690	2 G 40	GX 690	2 G 40
Fuel	Petrol	Diesel	Petrol	Diesel
Net power kW/3600 rpm	16,5	15,4	16,5	15,4
Electric start	Yes	Yes	Yes	Yes
Machine Code	VT 090	VT 090H	VT100	VT 100H



FLOOR SAWS

Higher standards

Use of floor saws is directly linked to all kind of construction works. These machines are used for production, preparation and maintenance works such as construction of production halls, preparation of excavation work or road repairs.



We started with floor saws development in 1997. The following year we launched the world's first closed-frame floor saw, which greatly increased machine rigidity, cut quality and tool life. This concept was subsequently adopted by other manufacturers and nowadays it is standard for these machines.

OPTIONAL

- Hour counter
- Trottle lever on the control panel (PRO series)
- Engine with cyclone filter
- Diamond blade for an asphalt
- Diamond blade for a concrete and reinforced concrete

ENGINE

Floor saws are available with Honda and Vanguard engines, as well as in a battery-powered version for environmentally friendly and quieter operation.



EASY SERIES

TYPE	RZ 123	
Weight kg	68	70
Max. cutting depth mm	120	120
Blade diameter mm	350	350
Transport dimensions (LxWxH) mm	820x560x600	820x560x600
Max. rpm w/o load rpm	3600	3600
Engine manufacturer		VANGUARD
Engine type	GX 200	200 (12V3)
Fuel	Petrol	Petrol
Net power kW/3600 rpm	4.1	4.8
Drive	Manual	Manual
Machine Code	RZ 123	RZ 123V



PRO SERIES

TYPE	RZ 170		RZ 200	
Weight kg	110	115	110	120
Max. cutting depth mm	170	170	190 / 200	190 / 200
Blade diameter mm	450	450	500 / 520	500 / 520
Transport dimensions (LxWxH) mm	1100x540x950	1100x540x950	1100x540x950	1100x540x950
Max. rpm w/o load rpm	2800	2800	2500	2500
Engine manufacturer	HONDA	VANGUARD	HONDA	VANGUARD
Engine type	GX 390	400 (25V3)	GX 390	400 (25V3)
Fuel	Petrol	Petrol	Petrol	Petrol
Net power kW/3600 rpm	8.7	9.93	8.7	9.93
Drive	Manual	Manual	Manual	Manual
Machine Code	RZ 170	RZ 170V	RZ 200	RZ 200V

Authorized dealer

☎ 976 108 179

✉ comercial@cozamaq.com

🌐 cozamaq.com



NTC STAVEBNÍ TECHNIKA
spol. s r. o.

Jiřinková 120
552 03 Česká Skalice
Czech republic

WWW.NTC.CZ/en

We hold a quality management
certificate according to ISO 9001:2015.

COZAMAQ