

Zetor

MAJOR



LITTLE HELPER FOR BIG CHALLENGES

Tractor is Zetor. Since 1946.



Zetor



A UNIVERSAL WHEELED FARM TRACTOR, INTENDED FOR WORKING WITH AGRICULTURAL IMPLEMENTS, INDUSTRIAL AGGREGATES AND FOR AGRICULTURAL TRANSPORT, IT HAS BEEN DESIGNED TO HONOUR THE BASIC PILLARS OF THE ZETOR BRAND. WITH ITS POWER CATEGORY UNDER 80 HP, ZETOR MAJOR BUILDS ON ONE OF THE MOST SUCCESSFUL MODELS IN ZETOR'S HISTORY. THIS RELIABLE, EFFICIENT AND EASY-TO-MAINTAIN MODEL HAS ALREADY ACQUIRED THE REPUTATION OF A TRACTOR THAT HAS BEEN IN SERVICE FOR A LIFETIME. THESE QUALITIES, AND THE EXCELLENT PRICE-TO-POWER RATIO, ARE APPRECIATED MAINLY BY OWNERS OF FAMILY AND SMALLER FARMS.



PERFORMANCE

Major tractors have always been designed to provide the best combination of engine power and tractor weight, thereby enabling the tractor to make full use of its power.

ENDURANCE

For Major tractors maximum emphasis is put on simple, smart and effective design. This is the only way of achieving reliability, simple maintenance and quick servicing.

TOTAL COST OF OWNERSHIP

With their simple design, Major tractors are easy to service and have a reasonable consumption of operating fluids. In the long term, everyone gets to appreciate the affordable spare parts

- EXCELLENT PRICE-TO-POWER RATIO
- TIME-PROVEN CONCEPT
- ZETOR ENGINE – HIGH-QUALITY ENGINE MANUFACTURED USING CZECH KNOW-HOW
- HIGH RELIABILITY
- SIMPLE SERVICING
- ROBUST, FRAME-REINFORCED BODY
- EASY TO MAINTAIN
- MAXIMUM LIFTING CAPACITY 2,600 KG

A reliable tractor in the medium-capacity class, with excellent price-to-power ratio.



Zetor



Proven by generations of users

ZETOR TRACTORS a.s. manufactures the largest number of compression ignition engines in the Czech Republic. This manufacturing tradition dates back to the 1920s.

The exceptional popularity of Zetor engines is based on low fuel consumption, high reliability and simple design – these reward the customer not only with low purchase costs but also low operating costs, great reliability, and low maintenance and service requirements.

No power boost restricted only to certain conditions

Zetor tractors do not use power boost, i.e. power available only under certain conditions. Zetor engines have full power available regardless of what speed the tractor is travelling or whether the PTO.



- **IN-HOUSE DEVELOPMENT AND MANUFACTURE**
guaranteed precise workmanship using quality materials
- **LOW CONSUMPTION**
ensures a very low consumption of operating fluids
- **MECHANICAL INJECTION PUMP**
reliable and trouble-free operation, long service life
- **TWO BALANCE SHAFTS**
reduce vibrations and make the engine run more smoothly
- **PRESSURIZED OIL-COOLED PISTON CROWNS**
increases combustion efficiency and prolongs engine life
- **OPTIONAL COOLANT HEATER**
reduces warm-up time, thus saving fuel
- **GLOW PLUG IN EVERY CYLINDER**
(direct combustion engine pre-heating) – guarantees reliable starting at low temperatures



12 simple steps to productivity

Major tractors are equipped with a synchro shuttle, a four-speed, fully synchronized gearbox and a three-speed reducer. The number of speeds is 12/12.

- DESIGN PROVEN BY USERS
- PROVEN LONG-TERM FUNCTION AND RELIABILITY
- SIMPLE SERVICING
- SMOOTH CHANGE OF GEARS
- FULLY SYNCHRONIZED, FOUR-SPEED GEARBOX WITH THREE-SPEED REDUCER AND REVERSER.
- 12/12 SPEEDS
- MAXIMUM SPEED 30 KPH
- REAR PTO SPEEDS: 540/1,000 OR 540/540E.





HYDRAULICS

Simplicity
is strength

The Major model employs mechanically regulated hydraulics, featuring not only high lifting capacity but also smooth starting control, including a hydraulic lock function for transporting implements. The tractor is equipped with either one or two hydraulic quick couplings, and a waste return for driving hydraulic motors.

- MECHANICAL HYDRAULICS WITH POSITION AND FORCE CONTROL
- FEATURES HIGH LIFTING CAPACITY, SMOOTH STARTING CONTROL AND HYDRAULIC LOCK FUNCTION FOR IMPLEMENT TRANSPORT
- MAXIMUM LIFTING FORCE 26 KN
- TRACTOR HAS ONE OR TWO HYDRAULIC QUICK COUPLINGS, WITH A WASTE RETURN
- MECHANICAL CONTROL – HIGH DURABILITY AND LONG LIFE
- HIGH LIFTING CAPACITY
- SMOOTH STARTING CONTROL
- QUICK MOUNTING AND SECURING OF IMPLEMENTS
- SIMPLE AND SAFE HANDLING OF ANCILLARY EQUIPMENT
- HYDRAULIC LOCK FUNCTION FOR IMPLEMENT TRANSPORT



Roomy and practical

The cab is comfortable and designed with regard to practical use. Plenty of space and ergonomically designed controls facilitate the work of the tractor operator. The cab has a hatch to simplify work with a front loader, and it can be equipped with air-conditioning as an option.



The roof panel is pre-wired for a radio and air-conditioning, and features a roof hatch.

- ROOMY, DESIGNED FOR PRACTICAL USE
- ERGONOMICALLY DESIGNED CONTROLS – MAKING THE OPERATOR'S WORK EASIER
- GREAT VISIBILITY THROUGH THE HATCH – GOOD VIEW WHEN WORKING WITH FRONT LOADER



Zetor



Only originals fit perfectly

Respect your tractor's identity

ZETOR TRACTORS a.s. sells its original spare parts world-wide, for both warranty and post-warranty service of Zetor tractors, through the sales network of our contracted representatives.

The quality of original spare parts is checked constantly throughout production and matches the quality of parts used for assembling new products.

Zetor spare parts achieve high quality at a reasonable price.

To maintain a long tractor life, we recommend using only original spare parts.

Original spare parts also incorporate all improvements and innovations. This guarantees that the operational qualities and utility of the repaired machine are fully restored. The originality of supplied spare parts is secured by packing them in original packaging with a unique identification number.

For more information please contact your authorized Zetor dealer.





Developed and manufactured in the heart of Europe

More than a million customers
can't be wrong

ZETOR HAS BEEN PRODUCING TRACTORS SINCE 1946. IN THE COURSE OF ITS EXISTENCE, IT HAS PRODUCED MORE THAN 1.2 MILLION TRACTORS, MOST OF WHICH HAVE BEEN EXPORTED TO MORE THAN 90 COUNTRIES AROUND THE WORLD.

PRODUCTION

Production of Zetor tractors and engines is concentrated in Central Europe, in the Czech Republic. Having an in-house development and production centre helps ensure that the products we offer are of the very highest quality, and supports the introduction of many innovations. Product assembly effectively combines and balances the mix of parts made in our own facilities and those parts and units purchased from specialist suppliers.

DEVELOPMENT

The Engineering Department is Zetor's longstanding permanent research, development and testing facility.

It comprises a team of development engineers engaged in high-level specialist research, which draws on a wide knowledge base and professional skills, and is supported by state-of-the-art technologies.

The department provides comprehensive, systematic research and development of the production programme – from concept, design, construction, the production of functional samples and prototypes, right up to testing tractors and motors in the laboratory and in the field.





MODEL	MAJOR 80
ENGINE	
Stage III A Type	1105
Homologated Power kW/HP (2000/25/EC)	55.6/76
Rated Speed (rpm)	2,200
Number of Cylinders	4
Number of Valves	8
Aspiration	Turbocharged
Bore/Stroke (mm)	105/120
Displacement (cm ³)	4,156
Cooling	Viscous fan clutch
Max. Torque – 2000/25/EC (Nm)	317
Improvement of Torque – (ECE R24) (%)	35
TRANSMISSION	
Type	Mechanical
Reverser	Mechanical under steering wheel
Shifting	Fully synchronized
Number of Gears (F/R)	12/12
Speed (kph)	30
PTO	
Type	Dependent / Independent
Rear PTO Revolutions	540/1,000
Front PTO Revolutions	1,000
Max. Power of Front PTO (kW)	35
HYDRAULICS	
Type	Mechanical with regulation – D. M. P.
Three-Point Hitch	Category II
Control	Mechanical
Max. Lift Force (kN)	26
Operating Pressure (MPa)	18
Pump Capacity (l)	50
Outer circuits (Hydraulic quick couplers)	4+1, 2+1
Hitches	Swinging drawbar, climbing hitch with mechanical nozzle
CAB	
Roof with Hatch	Standard
Seat	Mechanical
Steering Wheel	Tiltable and telescopic
Air-Conditioning	Manual (optional)

MODEL	MAJOR 80
OTHER SPECIFICATIONS	
Drive System	4WD
Steering	Hydrostatic
Operating/Parking Brakes	Wet disc, hydraulic control / mechanical control
Trailer Brakes	Hydraulic or single-hose optional
Max. Front Ballast (kg)	266
Max. Rear Wheel Ballast (kg)	256
Tank Volume (l)	83
Front Mudguards	Fixed
Pre-Wiring for Radio	Standard
DIMENSIONS	
Operating Weight* (kg)	3 165 – 3 300
Length (mm)	4 702
Width (mm)	1 970
Height (mm)	2 580
Wheelbase (mm)	2 210
Front Wheels ** (mm)	7,5-16 280/85-24 (11,2-24)
Rear Wheels ** (mm)	420/85-28 (16,9-28) 420/85-30 (16,9-30)

* Without front and rear ballast

** Standard wheels; for more options contact your dealer



Zetor



**My family.
My work.
My Zetor.**



www.zetor.com
info@zetor.com

SUBJECT TO CHANGE. 08/2014



DEALER:



Made in EU