

Minimec 2



For mechanized spraying in restricted spaces. Quiet driving operation, very low emissions. Moving the spraying boom with diesel engine. Independent wheel hub motors for tracks, plenty of hydraulic power for spraying and better handling with increased stability.

SALES & MARKETING INFORMATION

Minimec 2

>	Serial number:	LG120
>	Manufactured:	2022
>	Location:	United States
>	Available:	June, 2024
>	Machine condition grade:	Grade 3
>	Engine hours (h):	22
>	Engine type:	Caterpillar 1.1 IJ5525768U
>	Powerpack hours (h):	7
>	Electrical components:	Denso 12V
>	Silencer:	Atex 001

EQUIPPED WITH:

- > CATERPILLAR CAT 1.1 IJ5525768U
- > 460/480 V60 Hz
- > Remote drive systems
- > 25 m supply cable
- > Start-up training 5 days

Additional Info**Instruction Manuals**

Language	EN
PDF-CD	1

Spare Part Manuals

Language	EN
PDF-CD	1

SALES & MARKETING INFORMATION

Technical specification

normet

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SPRAY BOOM

Telescopic boom extension 1900 mm
 Nozzle rotation 360°
 Nozzle tilt 180°
 Automatic nozzle oscillator
 Boom rotation 110°
 Boom coverage:
 Lateral 6000 mm (with spraying distance 1500 mm)
 Vertical 7200 mm (with spraying distance 1500 mm)

CONCRETE LINE

Concrete hose diameter 65 mm
 Hose length 5 m
 Hose equipped with anti-kink spring
 Necessary clamps and gaskets

ACCELERATOR AND AIR LINE

Boom air line 1 1/4"
 Boom accelerator line 3/4"
 Connection block with quick connectors
 Shut-off and bleed valves

BOOM CONTROL SYSTEM

Two joystick radio remote control for spray boom
 Control functions:

- Boom movements
- Nozzle head movements
- Nozzle oscillator on/off

Adjustable movement speeds
 Back-up cable for radio remote

Radio remote frequency:

- 434 MHz
- 429 MHz
- 528 MHz with 22,5° tilt switch
- 419 MHz

BOOM HYDRAULIC SYSTEM

Electro-hydraulic power pack 11 kW / 50 Hz / 1450 rpm
 Variable displacement pump:
 190 bar, 40 L/min
 Hydraulic oil tank capacity 55 L

Proportional boom control valve

PERFORMANCE

Tramming speed (on flat) 2,5 km/h
 Max tramming incline 20°
 Max tramming incline (sideways) 10°
 Max working incline 10°

Normet reserves the right to change this specification without further notice.

HIGH VOLTAGE ELECTRICAL SYSTEM

Mains supply voltage

- 50 Hz
 - 380/400/415 V
 - 440 V
 - 525 V
- 60 Hz
 - 440 V
 - 460/480 V
 - 575/600 V

LOW VOLTAGE ELECTRICAL SYSTEM

24 V LED working lights
 12 V LED driving and parking lights
 Signal horn
 Warning signal for carrier movements
 Battery charger for remote control

CARRIER

Catepillar C1,1IOPU 552-5768 18,4 kW, 2800 RPM
 Tier4 final EU Stage 5
 Battery
 Electric starter
 Fuel tank 20 L
 Hydraulic system
 190 bar, 60 L / min, 2200 RPM
 Hydraulic oil tank capacity 55 L

Four mechanical levers for tracks and support legs
 Hydraulic drive hub motors
 Spring applied brakes
 Hydraulic support legs
 Two rubber tracks (surface contact 200 x 1300 mm)

OTHER

Powder extinguisher:

- 6 kg hand-held fire extinguisher
- Ansul centry (9 kg)

Support leg feet extension blocks

ACCESSORIES

- RDS drive
 Possibility to drive and use support legs by using remote control
- Supply cable IEC (no UL / CSA approved) 25 m

• = Default ○ = Option