RM3D-2

HOFMANN
ROAD MARKING SYSTEMS

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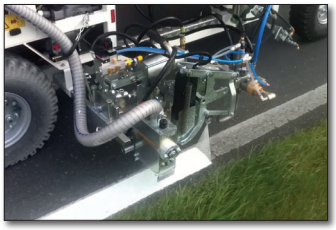

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A very narrow and extremely maneuverable machine.

- Hydraulic drive with wheel motor with infinitely variable speed adjustment. Hydraulic multi disk parking brake.
- Cockpit with all operating elements laterally adjustable without the need to install guides.
- Clear view during center- and edge line markings.
- Engine compartment easily accessible for service work.
- Excellent panoramic view, also when driving backwards.
- Due to its low weight the machine can be easily transported.

① RM3D-2 equippd for thermoplastics incl. S+S extruder

② RM3D-2 for cold paints (1 component) as well as sprayable 2c cold plastics M98:2 incl. AMAKOS® pump (Airless)

③ RMD3D-2 for sprayable thermoplastics with pressurised container. Marker units on both sides, two paint and glass bead guns left, one paint and glass bead gun right

④ Equipped for sprayable 2c cold plastics incl. bead dispenser

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RM3D-2

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Technical Data

4-cylinder 1500 cm³,
Kubota Turbo diesel engine,
water-cooled ,
low-emission (EU Stage IIIA resp.
(US) EPA Tier 4 Interim)
33,0 kW at 3000 rpm

Fuel tank: 38 l
in safety zone
in front of rear axle

Hydraulic oil tank: 43 l

Air output:
up to 1 060 l/min at 7,5 bar;
(2-cylinder-compressor)

Drive:
- infinitely variable hydraulic drive
- acts simultaneously as service brake
- speed range: 0 - 17,0 km/h

Pressurised glass bead container:
100 l (max. 1,2 bar)

Dimensions (L x W x H mm):
3 900 x 1 250 x 2 100
(dependent on equipment)

Weight, equipped:
approx. 1 200 - 1 600 kg
approx. 2 645 - 3 527 lbs

Total admissible weight:
approx. 2 800 kg
approx. 6 173 lbs

Cold Paints

Container
up to 225 l
(pressure container)

225 l pressure container is suitable for equipment with universal pump (up to 12 l/min pump capacity), can be operated also unpressurised.

Universal pump suitable for high-pressure spraying method (Airless) and low-pressure spraying method (atomising-air-spraying method/Airspray).
Using the Airspray method the pump is also suitable for non-airless paints with or without mixed-in glass beads.
(see information n° 374 and 382)

Marking with control governed by travelled distance (AMAKOS®) can be used under certain circumstances: Constant line thickness irrespective of marking speed as well as manual adjustments are selectable.
(see information n° 396)

2-component cold plastics

Container
Cold plastics: up to 225 l

Sprayable cold plastics:
up to 225 l

225 l pressure container is suitable for equipment with universal pump (up to 12 l/min pump capacity), therefore can be operated also unpressurised.

Sprayable cold plastics 98:2
Universal pump suitable for high-pressure spraying method (Airless) and low-pressure spraying method (atomising-air-spraying method/Airspray).
Using the Airspray method the pump is also suitable for non-airless sprayable cold plastics with or without mixed-in glass beads.(see information n° 374, 387)

Extrudable cold plastics 98:2
Plain, structured (agglomerate) and Spotflex® (pressurised container system) as well as profiled markings (screed box system) up to 15 mm line thickness (depending on material).
(see information n° 385)

Agglomerate markings with open screed box and scattering device.

Material reaches the screed box ready-mixed (dynamic mixer).

Thermoplastics

Container
up to 240 l
(pressureless container),
heated by LPG or diesel oil.

Extrudable thermoplastics
Open thermoplastic screed boxes with oil jacket and LPG-heating, incl. exchangeable shutters for line widths from 10-50 cm as well as equipments for profiled markings.
(see information n° 279)

Thermoplastic extruder for single-, double- and triple lines of variable width, for simultaneous application of continuous / interrupted lines as well as for profiled markings with many different profiles (Universal extruder MultiDotLine®).
Due to its modular design, existing extruders can be modified at any time in order to execute different plain- and profiled markings.
(see information n° 279, 343, 430)

Connection possibility for screed box and extruder on both sides.

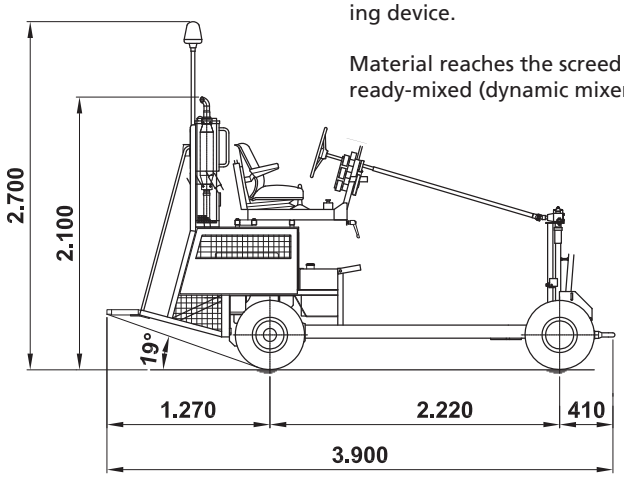
Sprayable thermoplastics

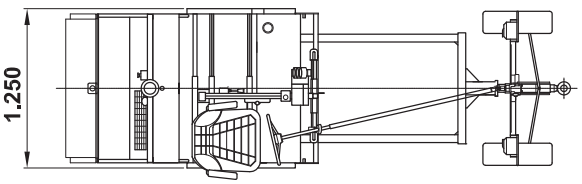
Container
up to 200 l
heated via LPG or diesel oil.

Gun support for two spray guns.

Heat transfer oil circulation pump and heat exchanger for heating of atomising air for improvement of material sprayability.

In case of an air pressure drop an emergency valve situated at the outlet of pressurised container closes automatically.





(Customised sizes upon request)

Subject to technical changes and errors !

06/2026