



01/2020

H33-4



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③

Most compact machine with very high capacities and excellent hill climbing ability.

- ① H33-4 with pressureless container (570 l) for thermoplastics with Multi-DotLine® Universal Extruder, swiveling under the container, extruder 50 cm
- ② 2-component cold plastics with bellow pump, Spotflex® system, M98:2
- ③ On-board computer and line gap electronic ELC4

- Robust, high-effective 7-ton construction machine axle with hydraulically switchable speed ranges combined with a high-speed hydraulic motor.
- Cooling system with automatic adaption of ventilator speed to ambient temperature and machine load (noise reduction at normal machine load and higher cooling performance at extreme machine load).
- Inlet of whole cooling air from upper side of the machine - far away from spray mist.
- Two pressurised glass bead tanks. Filling openings for glass beads at the side of the machine in ideal filling height.
- Cockpit with all operating elements laterally adjustable without the need to install guides.
- Arrangement of operating and supervising instruments can be easily modified according to individual requirements. Adjustable, easy extractable spraygun support for center- and edge line markings.
- Engine compartment easily accessible for service work. High ground clearance also eases service works from below.
- Excellent panoramic view, also when driving backwards.
- Available as an option: Individual application units are exchangeable (exchangeable container) with low effort by quick opening device systems and modular design principle.

Technical Data

4-cylinder 3800 cm³,
Kubota Turbo diesel engine,
water-cooled

Version I:

Non-Label (correspond to **EU Stage II** resp. (US) EPA Tier 2)
74,0 kW at 2600 rpm

Version II:

Low-emission **EU Stage V**
resp. (US) EPA Tier 4 Interim
with diesel oxidation catalyst
(DOC) and Diesel Particulate
Filter (DPF) as well as SCR cata-
lytic converter with AdBlue®
and intercooler
86,4 kW at 2600 rpm

Fuel tank: 150 l
in safety zone above rear axle

Hydraulic oil tank: 85 l

Air output, alternatively:
2800 - 3500 l/min at 7,5 bar;
compressed-air cooler

Drive unit:

- infinitely variable hydraulic drive
- acts simultaneously as service brake
- speed ranges:
2: 0-5,3 / 0-19,5 km/h
4: 0-4,3 / 0-6,5 /
0-16,0 / 0-24,5 km/h

Power-take-offs
for up to 5 hydraulic pumps,
for several drives like material
metering pumps, agitators etc.

Pressure glass bead container
tank:

2 x 160 l (up to max. 3 bar)

Dimensions approx. (mm):
5 300 - 6 100 x 1 340 x 2 380
(dependent on equipment)

Weight, equipped:
approx. 2 600 - 4 400 kg
approx. 5 730 - 9 700 lbs

Max. gradient angle:
50 % (26°) at 6 500 kg/14 330
lbs at low speed

Total admissible weight:
approx. 6 800 kg
approx. 14 991 lbs

A Cold paints

Containers

up to 1080 l *
mounted longitudinally:
up to 385 l *
(swivel-mounted pressure con-
tainer)

540- and 1000 l pressure con-
tainer are suitable for equip-
ment with universal pump (up
to 24 l/min pump capacity), can
be operated also unpressurised.

Universal pump suitable for
high-pressure spraying method
(Airless) and low-pressure spray-
ing 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)

A 2-component cold plastics-

Containers

sprayable cold plastics:
up to 1 000 l *

A cold plastics: up to 650 l *

540- and 1000 l pressure con-
tainer (only 98:2) are suitable
for equipment with univer-
sal pump (up to 24 l/min pump
capacity), can be operated also
unpressurised.

Sprayable cold plastics 1:1 and 98:2

Universal pump suitable for
high-pressure spraying method
(Airless) and low-pressure spray-
ing 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)

Extrud. cold plastics 1:1 and 98:2
Plain, structured (agglomerate)
and Spotflex® (bellow pump or
pressurised container system)
as well as profiled markings
(screed box system) up to 15
mm line thickness (depending
on material).

(see information n° 384, 385)

A Thermoplastics

Containers

extrudable thermoplastics:
up to 600 l *
Container heated by LPG or die-
sel oil.

Open thermoplastic screed boxes
with oil jacket and LPG- or diesel oil
heating, incl. exchangeable shut-
ters for line widths from 10-50 cm
as well as equipments for profiled
markings.

(see information n° 279)

Closed thermoplastic screed boxes
heated directly from container,
with oil circulation pump.

Thermoplastic extruder for single-,
double- and triple lines of varia-
ble width, for simultaneous appli-
cation of continuous / interrupted
lines as well as for agglomerate-
(MultiDotLine® Universal Extruder
/MultiDotLine®-Plus) and pro-
filed markings. Due to its modu-
lar design, existing extruders can
be modified at any time in order to
execute different plain- and pro-
filed markings

(see information n° 279, 343, 430)

Combinations of extrudable
thermoplastic (extruder- or screed
box) and sprayable thermoplastic
with metering pump (pressureless)
or pressurised containers possible.

A Sprayable thermoplastics

Containers

sprayable thermoplastics:
up to 800 l *
Container heated by LPG or die-
sel oil.

Gun support for several spray
guns infinitely laterally adjusta-
ble between left and right side of
machine.

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

300 l pressurised container: con-
tainer wall detachable for easy
cleaning.

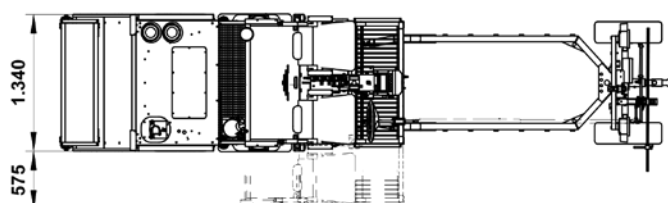
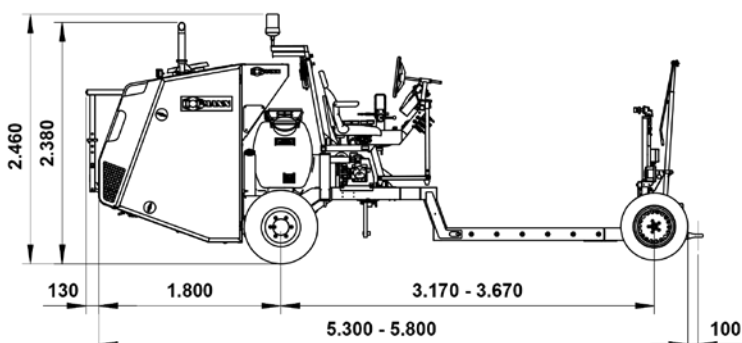
In case of an air pressure drop an
emergency valve closes automati-
cally.

Combinations of sprayable ther-
moplastic with metering pump
(pressureless) or pressurised con-
tainers and extrudable thermo-
plastic applied by extruder or
screed box (pressureless) possible.

A Marking with control governed

by travelled distance
(AMAKOS®) can be used under
certain circumstances:

Constant line thickness irrespec-
tive of marking speed as well as
manual adjustments are selecta-
ble. (see information n° 396)



*Customised sizes upon request