

INDUSTRIAL WASHING MACHINES



3. Pallet washing machine

PWM15-30

Pallet washing machine

Product specification

Compact conveying pallet washing machine for fast and effective cleaning of slight to moderately contaminated plastic hygiene pallets H1 (Dimension pallets LxWxH 1200 x 900 160 mm, 1200 x 1000 x 160 mm).

The unit is divided into a main wash and a rinsing zone. In the main wash zone the pallets are cleaned with circulating water which is invariably kept at the desired temperature by the installed tank heater. The water of the main wash zone is constantly filtered by an elaborate filtration system. In the rinsing zone the pallets are rinsed with clean fresh water and subsequently conducted into the tank of the main wash zone to be re-used. This procedure achieves minimal water, energy and chemical consumption as well as superb wash results.

In order to ensure an optimal cleaning of all faces, the pallets are transported by a conveyor chain at even distances through the unit; the installed rotatable. Clip-eyelet flat nozzles ensure an efficient cleaning of the pallets.

Model

Capacity : 15 - 30 pallets/hour adjustable
Pallets : LxWxH 1200 x 900 x 160 mm, 1200 x 1000 x 160 mm
Transportation : horizontal

Technical Data

Dimension of machine

Length : 2420 / 4020 mm
Height : 1850 mm
Width : 1330 mm
Total length washing tunnel : 2420 mm
Height of guiding plate : 400 - 500 mm
Execution : 6 height adjustable feet.
Material : stainless steel 1.4301

Guiding plate IN and OUT

Length : 800 mm
Feature : with built-in roles

Main wash zone

Length : 1920 mm
Tank capacity : 400 Liter
Tank heating : 1 x 5,5 kW
Washing temperature : 40 - 65°C adjustable
Nozzles : Clip-eyelet (rotatable flat nozzles)
Filter system : stainless steel 1.4301 Filter fabrics comfortable, easily accessible in drawer

Rinsing zone

Length : 500 mm
Rinsing temperature recommended : 60 - 85 °C (is to be provided by the customer; Alternatively via instantaneous water heaters or steam)
Nozzles : flat nozzles

Conveying system

Conveying system	: transport chain
Conveying system	: Guiding plate IN and OUT with built-in roles
Distance of carrier	: 1300 mm
Speed	: 0,36 - 0,65 m/min (adjustable)

Electrical data

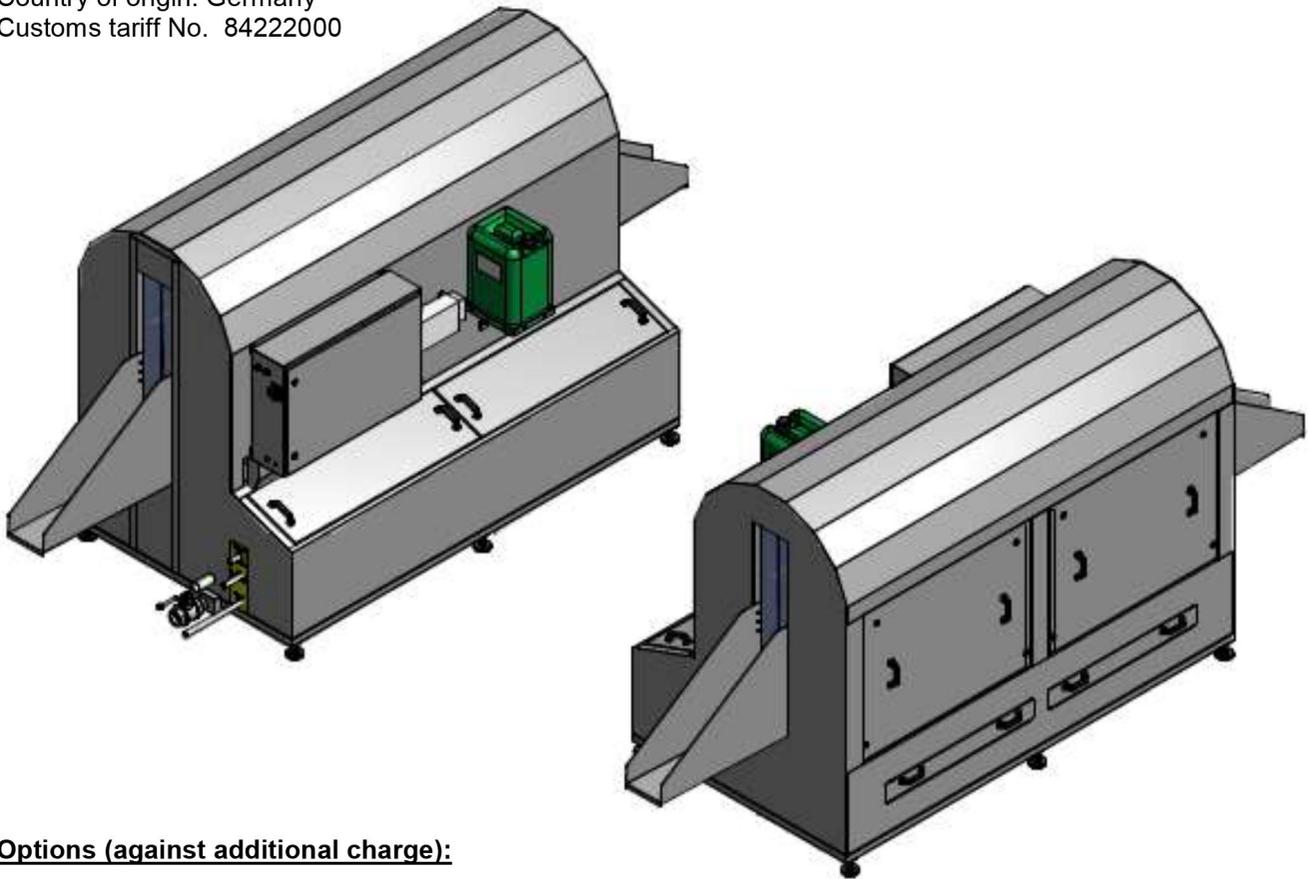
Electrical connection	: 400V / 50Hz
Control voltage	: 24 V

Heating system

System	: electrical heater
Power	: 2 x 9 kW
Protection	: 25 A

Water inlet	: 3/4" 1 - 10 bar, Cold- and warm water
Water outlet	: 2" ball valve

Country of origin: Germany
Customs tariff No. 84222000



Options (against additional charge):

- Frequency converter, adjustable 70 - 120 pallets/hour.
- Metering pump for detergent, conductivity controlled, consisting of hose pump, control unit, 1 LF sensor
- Pump 15 kW with 1200 l/min output by 6 bar pressure
- Tank heater 27 kW
- Direct steam heating of washing water, inlet G3/4", 0,5 until max. 2 bar. By a water inlet of 10°C is the steam consumption for the first heating about 30kg/h
- Steam/water mixing valve (rinsing water)

PWM100

Pallet washing machine

Product specification

Compact conveying pallet washing machine for fast and effective cleaning of slight to moderately contaminated plastic hygiene pallets H1 (Dimension pallets LxWxH 1200 x 800 x 160 mm, 1200 x 1000 x 160 mm).

The unit is divided into a main wash and a rinsing zone. In the main wash zone the pallets are cleaned with circulating water which is invariably kept at the desired temperature by the installed tank heater. The water of the main wash zone is constantly filtered by an elaborate filtration system. In the rinsing zone the pallets are rinsed with clean fresh water and subsequently conducted into the tank of the main wash zone to be re-used. This procedure achieves minimal water, energy and chemical consumption as well as superb wash results.

In order to ensure an optimal cleaning of all faces, the pallets are transported by a conveyor chain at even distances through the unit; the installed rotatable. Clip-eyelet flat nozzles ensure an efficient cleaning of the pallets.

Model

Capacity	: 80 - 120 pallets/hour adjustable
Pallets	: LxWxH 1200 x 800 x 160 mm, 1200 x 1000 x 160 mm
Transportation	: horizontal

Technical Data

Dimension of machine

Length	: 3400 / 6000 mm
Height	: 1850 mm
Width	: 1330 mm
Height of guiding plate	: 400 - 500 mm
Execution	: 6 height adjustable feet.
Material	: stainless steel 1.4301

Guiding plate IN and OUT

Length	: 1300 mm
Feature	: with built-in roles

Main wash zone

Length	: 2900 mm
Tank capacity	: 450 Liter
Tank heating	: 3 x 9 kW
Washing temperature	: 40 - 65°C adjustable
Nozzles	: Clip-eyelet (rotatable flat nozzles)
Filter system	: stainless steel 1.4301 Filter fabrics comfortable, easily accessible in drawer

Rinsing zone

Length	: 500 mm
Rinsing temperature recommended	: 60 - 85 °C(is to be provided by the customer; Alternatively via instantaneous water heaters or steam)
Nozzles	: flat nozzles

Conveying system

Conveying system	: transport chain
Conveying system	: Guiding plate IN and OUT with built-in roles
Distance of carrier	: 1300 mm
Speed	: 2 - 3 m/min (adjustable)

Electrical data

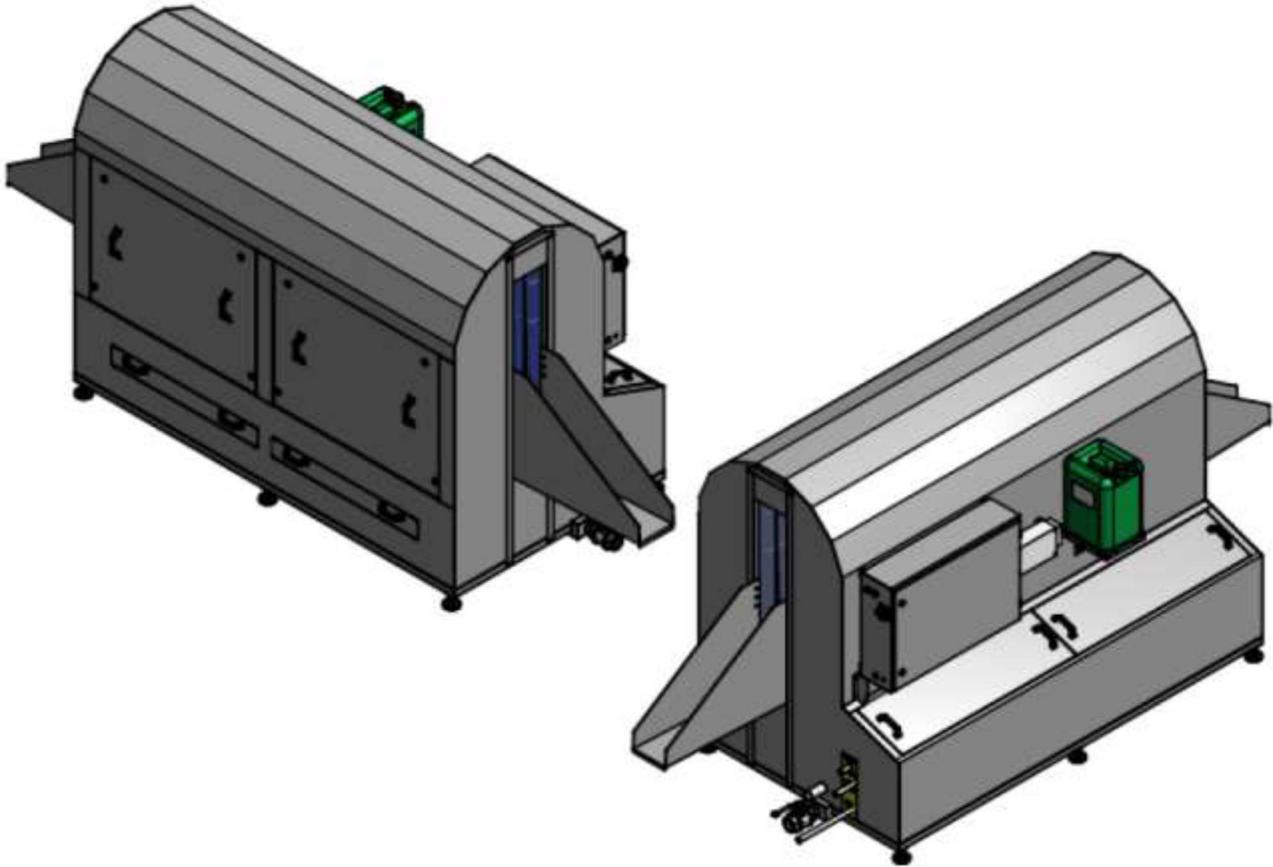
Electrical connection : 400V / 50Hz
Control voltage : 24V

Heating system

System : electrical heater
Power : 3 x 9 kW
Steam heating : optional

Water inlet : 3/4" 1 - 10 bar, Cold- and warm water
Water outlet : 2" ball valve

Country of origin: Germany
Customs tariff No. 84222000



Options (against additional charge):

- Frequency converter, adjustable 70 - 120 pallets/hour.
- Metering pump for detergent, conductivity controlled, consisting of hose pump, control unit, 1 LF sensor
- Pump 15 kW with 1200 l/min output by 6 bar pressure
- Tank heater 36 kW
- Direct steam heating of washing water, inlet G3/4", 0,5 until max. 2 bar. By a water inlet of 10°C is the steam consumption for the first heating about 30kg/h
- Steam/water mixing valve (rinsing water)