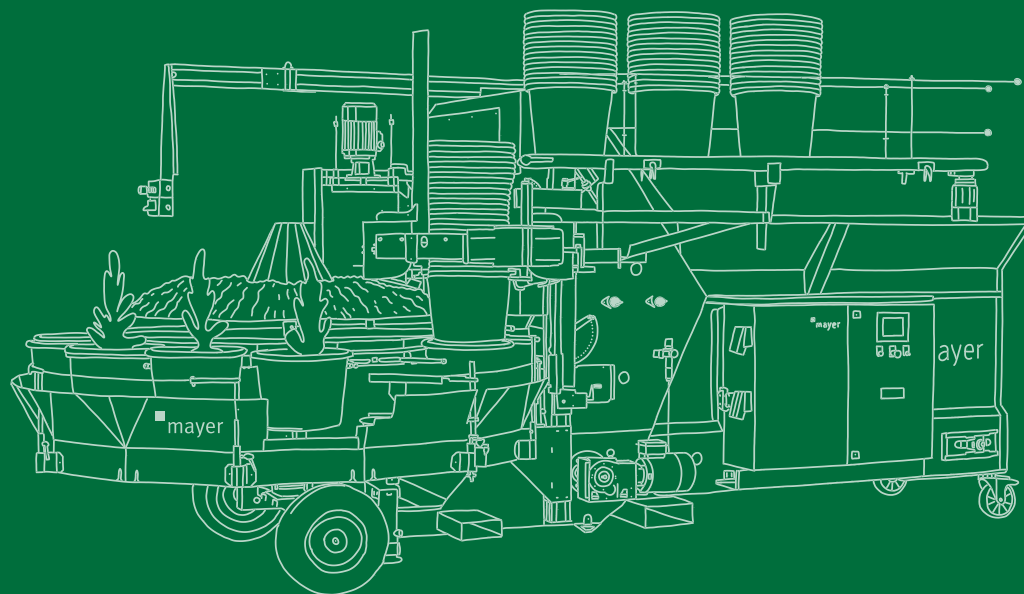




mayer

PRODUCT CATALOG





■ Foreword

My father Georg Mayer had the vision to make the production process of horticultural companies as simple and efficient as possible. This drive led to the world's first potting machine in 1967, the „Model 68“, which laid the foundation for automated horticultural operations.

Even after more than 50 years our main purpose as the inventor of the potting machine is to carry this vision forward and to support commercial horticulture with the help of holistic, innovative automation solutions from Mayer.

Highest quality standards, trusting partnerships and the satisfaction of our customers have always been the basis of our company and form the foundation of our more than 50 years of existence.

Klaus Mayer
Shareholder & Managing Director





Why Mayer

The company has established itself as one of the world's leading suppliers in this segment through its extensive know-how in the development, production, sales and service of machines and automation solutions. Application-oriented technology, a high degree of reliability and a long service machine life, have established the name Mayer as a quality feature for ornamental plant producers and tree nurseries all over the world.

Today, the range of products and services covers the entire process chain from soil preparation and pot filling to the rational handling of the end products in the factory. Through the constant further development of its product range, close to the needs of the market, Mayer is constantly setting new standards in the industry. Mayer customers benefit from our vertical range of manufacture and consistently high-quality standards - from raw material purchasing to assembly.

In order to guarantee our customers production reliability, we attach particular importance to a comprehensive service network.

Our many years of experience, our wide range of products and services and our high level of vertical integration enable us to respond quickly to the needs of our customers in a targeted manner and provide them with holistic support for their automation projects.

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Product portfolio

PREPARATION



BZ 6030



BZ 6160



EM 6002



EM 6012



EB 2019

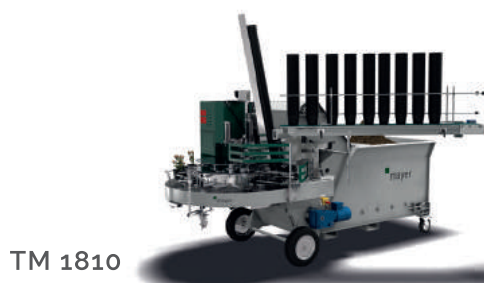
FILLING
ORNAMENTAL



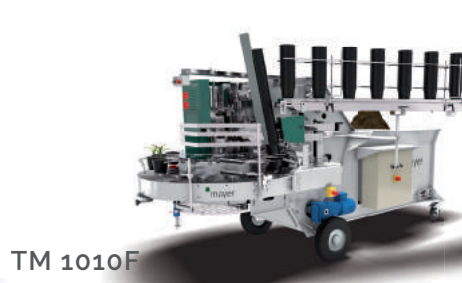
TM 2105



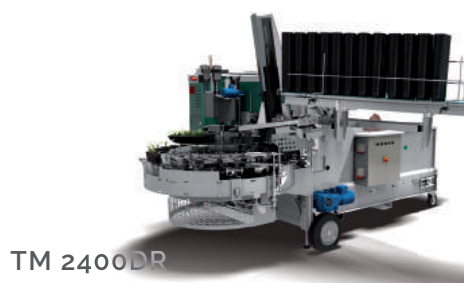
TM 1610



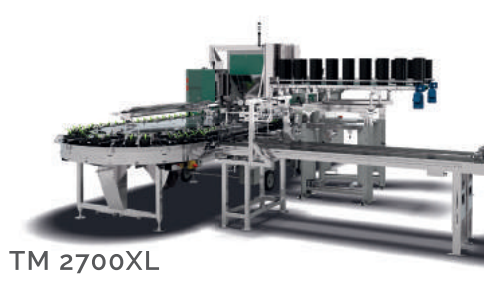
TM 1810



TM 1010F



TM 2400DR



TM 2700XL

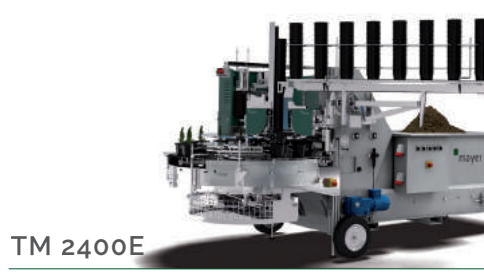
FILLING
TREE NURSERY



TM 2018



TM 1018



TM 2400E



TM 2432

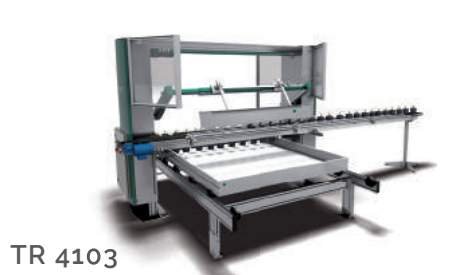


TM 2020F



TM 2040

HANDLING



TR 4103



TR 4420



Potjet 2



Conveyor belts

FILLING
TRAYS



TF Special



BZ 6030

- + Gentle processing & loosening of the substrate
- + Homogeneous substrate results of almost original structure
- + Durable and low-maintenance machine with low maintenance costs
- + Processing of all commercial bales up to 300 litres
- + Mobile bale breaker with optimum handling and maximum working efficiency
- + Possibility to automate the substrate supply of bales by optional roller conveyor
- + Easy to integrate in existing machine lines, also in combination with many third-party products

TECHNICAL DATA



Big bale dimensions
up to 300 l



Output
approx. 30 to 35 bales at 300 l/ h



Transport dimensions
2,70 x 1,05 x 2,10 m



Weight
370 kg



Scan QR Code to
configure your BZ 6030



BZ 6160

- + Gentle processing & loosening of the substrate
- + Homogeneous substrate results of almost original structure
- + Durable and low-maintenance machine with low maintenance costs
- + Perfectly coordinated with the proven big bale system
- + Processing of Big bales up to a height of 2,70m (with optional accessories)
- + Mobile bale breaker with optimum handling and maximum working efficiency
- + Easy to integrate in existing machine lines, also in combination with many third-party products
- + Simple and fast loading with little handling
- + Automatic filling height control via optical level adjustment
- + Special scrapers for highly compressed bales

TECHNICAL DATA



Big bale dimension
0,80 to 1,20 x 1,20 bis 2,25 m



Output
Depending on
substrate used



Height in loading position
2,48 m



With hopper extension
up to 2,70 m height



Transport dimensions
3,30 x 1,69 x 2,20 m



Weight
1.100 kg



Scan QR Code to
configure your BZ 6160

EM 6002



Preparation

Filling

Handling

Soil mixer

EM 6002

- + Duration of mixing procedure indefinitely adjustable from 5-30 minutes
- + Homogenous mix is guaranteed even in case of an extreme difference between the quantities of the mixing components
- + Mixing process won't change the structure of the substrate
- + Mobile soil mixer with optimum handling and maximum working efficiency
- + Easy and flexible loading and unloading from three sides
- + Special mixing system with swivelling elevator, drive by means of an electric motor
- + Can be used as an additional soil hopper or soil conveyor for tray-filler or filling machine

TECHNICAL DATA

Mixing volume
1 m³

Min. dimensions
3,00 x 1,60 x 2,00 m

Max. dimensions
3,60 x 1,60 x 2,25 m

Mixing duration
5 to 30 minutes

Weight
850 kg



Scan QR Code to
configure your EM 6002



EM 6012

- + Duration of mixing procedure indefinitely adjustable from 5-30 minutes
- + A homogenous mix is guaranteed even in case of an extreme difference between the quantities of the mixing components
- + Mixing process won't change the structure of the substrate
- + Automatic mixing and emptying by means of a timer (2 selectable speed levels)
- + Mobile soil mixer with optimum handling and maximum working efficiency
- + Easy and flexible loading and unloading from three sides
- + Special mixing system with swivelling elevator, drive by means of an electric motor
- + Can be used as an additional soil hopper or soil conveyor for tray-filler or filling machine

TECHNICAL DATA



Mixing volume
2 m³



Min. dimensions
3,00 x 1,90 x 2,20 m



Max. dimensions
3,70 x 1,90 x 2,45 m



Mixing duration
5 to 30 minutes



Weight
1380 kg



Scan QR Code to
configure your EM 6012



EB 2019

- + Compact and mobile soil hopper for substrate storage
- + Can be used behind potting machines, tray fillers and many other machine types
- + Can also be used to fill large containers without drilling system
- + For filling of 400 liter containers and larger
- + Especially high productivity for small series, as it requires no retooling

TECHNICAL DATA



Container size
400l and larger



Output
Depending on container size



Soil hopper
1.500 l



Soil hopper (extended)
up to 4.000 l



Transport dimensions
3,00 x 1,30 x 2,00 m



Weight
480 kg



Scan QR Code to
configure your EB 2019



TM 2105

- + Compact potting machine for small ornamental plant producer (up to 100.000 pots a year)
- + Smooth movement of the turntable even at top production rates
- + Infinite adjustment of pot sizes and machine output
- + Exact positioning of the pot for a consistent and accurate drilling of central planting holes
- + Adaptation of the soil supply quantity according to pot size and hourly output
- + Separation and processing of round and square pots
- + Mobile potting machine with high safety standards, conforms to latest CE guidelines

TECHNICAL DATA



Pot size
8 to 20 cm Ø



Output
up to 2.500 pots/h



Soil hopper
600 l



Soil hopper (extended)
up to 1.500 l



Transport dimensions
2,35 x 1,50 x 2,00 m



Weight
560 kg



Scan QR Code to
configure your TM 2105



TM 1610

- + Compact potting machine for small and medium sized ornamental plant producer (up to 500.000 pots a year)
- + Smooth movement of the turntable even at to production rates
- + Infinite adjustment of pot sizes and machine output
- + Exact positioning of the pot for a consistent and accurate drilling of central planting holes
- + Adaptation of the soil supply quantity according to pot size and hourly output
- + Structure-preserving substrate transport for a constant crop and plant quality
- + Sufficient space for potting directly on the turntable
- + Separation and processing of round and square pots
- + High flexibility due to wide range of usable pot sizes
- + Mobile potting machine with high safety standards, conforms to latest CE guidelines

TECHNICAL DATA



Pot size
5 to 21 cm Ø



Output
up to 2.800 pots/h



Soil hopper
1.000 l



Soil hopper (extended)
up to 2.500 l



Transport dimensions
2,90 x 1,50 x 1,95 m



Weight
750 kg



Scan QR Code to
configure your TM 1610



TM 1810

- + Compact potting machine for small and medium sized ornamental plant producer (up to 900.000 pots a year)
- + Smooth movement of the turntable even at to production rates
- + Infinite adjustment of pot sizes and machine output
- + Exact positioning of the pot for a consistent and accurate drilling of central planting holes
- + Adaptation of the soil supply quantity according to pot size and hourly output
- + Structure-preserving substrate transport for a constant crop and plant quality
- + Sufficient space for potting directly on the turntable
- + Separation and processing of round and square pots
- + High flexibility due to wide range of usable pot sizes
- + Mobile potting machine with high safety standards, conforms to latest CE guidelines

TECHNICAL DATA



Pot size
5 bis 22 cm Ø



Output
up to 3.600 pots/h



Soil hopper
1.250 l



Soil hopper (extended)
up to 3.000 l



Transport dimensions
3,60 x 1,70 x 1,75 m

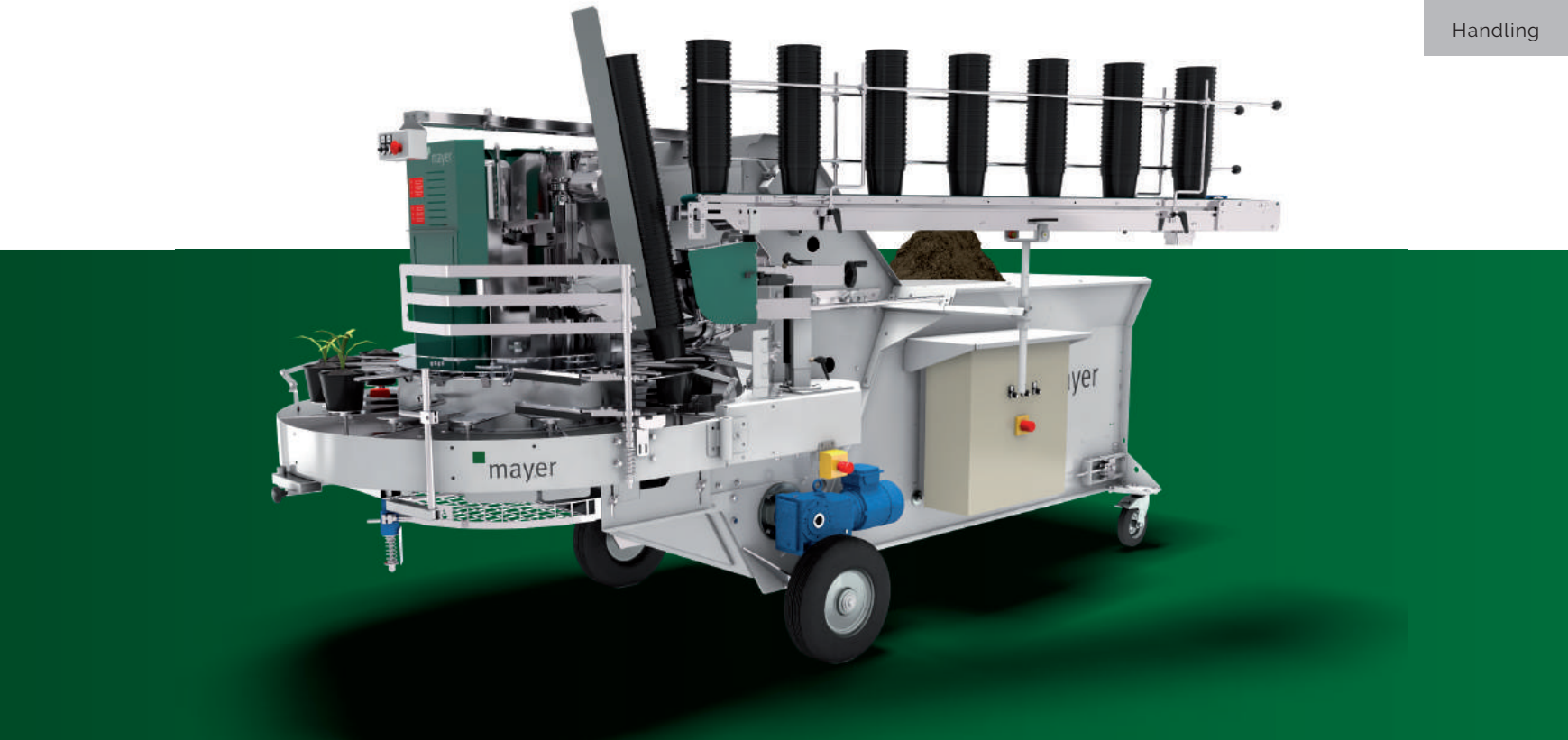


Weight
910 kg





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configure your TM 1810


TM 1010F





TECHNICAL DATA

 **Pot size**
T16 - 5 to 22 cm Ø
T8 - 15 to 30 cm Ø

 **Output**
up to 4.000 pots/h

 **Soil hopper**
2.500 l

 **Soil hopper (extended)**
T16 up to 2.500 l
T8 up to 5.000 l

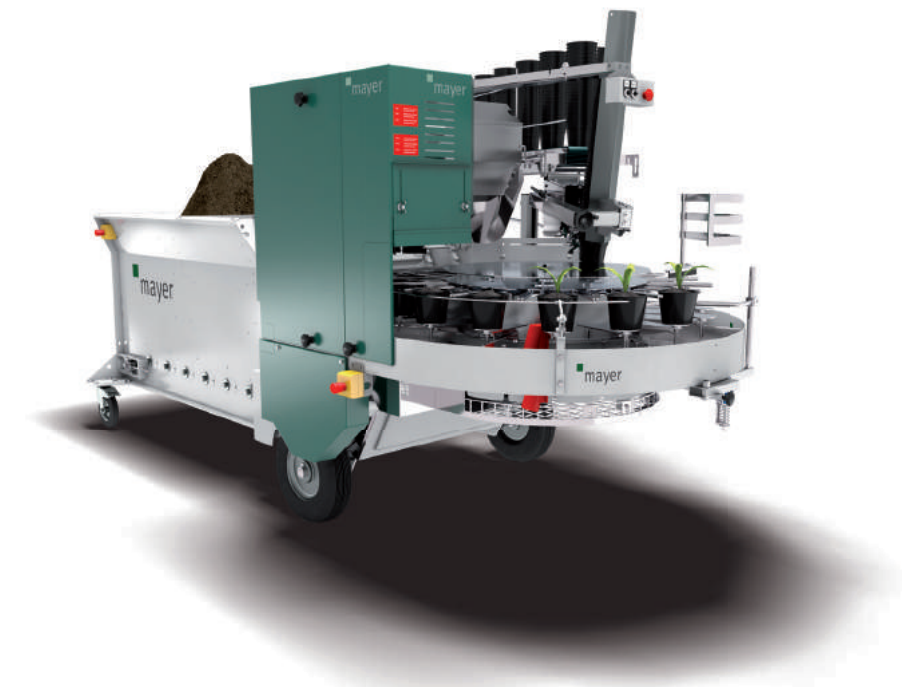
 **Transport dimensions**
3,60 x 1,50 x 1,80 m

 **Weight**
920 kg



TM 1010F

- + Compact potting machine for medium sized ornamental plant producer
- + Smooth movement of the turntable and very quiet operation even at to production rates
- + Separation and processing of round and square pots possible
- + Electronic adjustable speed of elevator and turntable by means of a frequency converter
- + Pot heights can be adjusted fast and centrally by means of a ratch (standard)
- + Height adjustable pot supports
- + Pot transfer and pot magazine are mechanically driven (no compressed air required)
- + Available with 8 or 16 timed turntable
- + Available with a raised elevator (T8-Version)
- + Numerous equipment variants available for individual requirements



Scan QR Code to
configure your TM 1010F

TM 2400DR

Preparation

Filling



Handling

Potting machine



TM 2400DR

- + High performance potting machine for large ornamental plant producer
- + Smooth movement of the turntable and very quiet operation even at top production rates
- + Parallel separation and processing of two pots (round and square)
- + Electronic adjustable speed of elevator and turntable by means of a frequency converter
- + Pot heights can be adjusted fast and centrally by means of a ratch (standard)
- + Clockwise rotating model available (with surcharge)
- + Numerous standard and special drills can be used
- + Especially suitable for operation in machine lines
- + Numerous equipment variants available for individual requirements

TECHNICAL DATA



Pot size
5 up to 13 cm Ø
(14 cm upon request)



Output
up to 7.000 pots/h



Soil hopper
1.500 l



Soil hopper (extended)
up to 5.000 l



Transport dimensions
4,10 x 1,90 x 1,95 m



Weight
1,600 kg



Scan QR Code to
configure your TM 2400DR

TM 2700XL

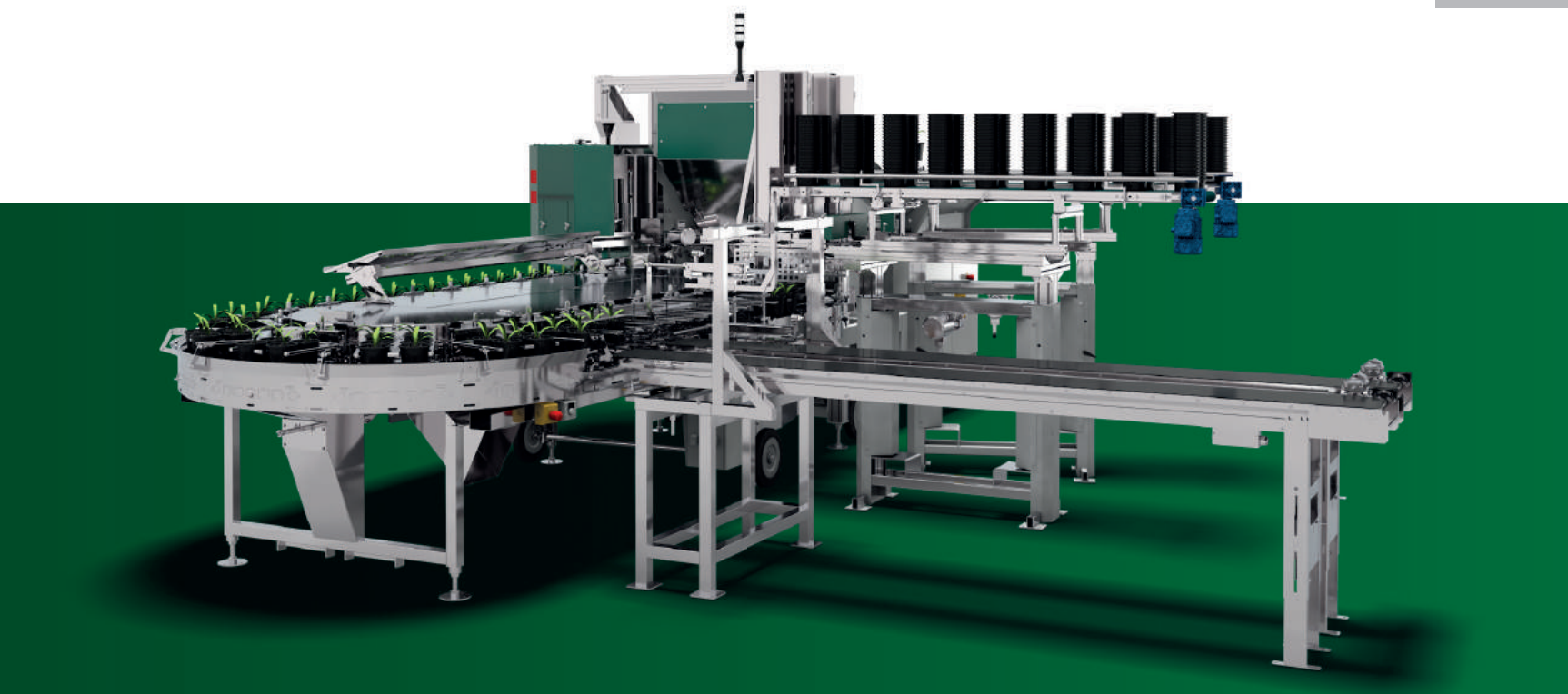
Preparation

Filling



Handling

Potting machine



TM 2700XL

- + High performance potting machine for very large ornamental plant producer
- + Suitable for a very high production output in a short time
- + Parallel separation and processing of two pots (round and square)
- + Electronic adjustable speed of elevator and turntable by means of a frequency converter
- + Space for up to 5 people or a planting robot on the 2.40m long console
- + Numerous standard and special drills can be used
- + Especially suitable for operation in machine lines
- + Numerous equipment variants available for individual requirements

TECHNICAL DATA



Pot size
8 to 14 cm Ø



Output
up to 10.000 pots/h



Soil hopper
1.500 l



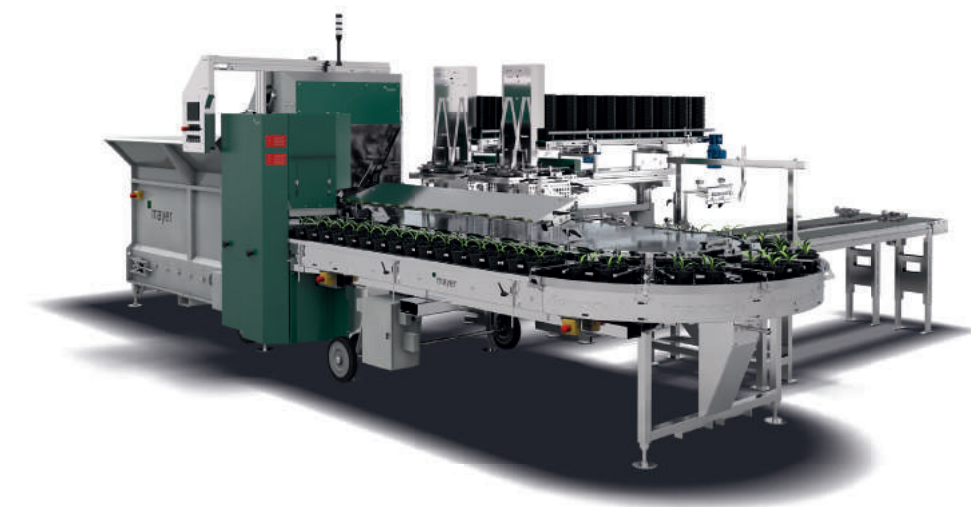
Soil hopper (extended)
up to 4.500 l



Transport dimensions
6,70 x 2,00 x 2,12 m



Work surface
2,40 m



Scan QR Code to
configure your TM 2700XL



TM 2018

- + Very flexible potting machine for filling round and square containers or poly bags
- + Suitable for potting root balls and all kinds of bare rooted plants, such as roses and shrubs
- + Especially high productivity for small series, as it requires no retooling
- + For containers up to 25 litres and larger
- + High elevator with soil chute for one or two filling stations, pot supports are turntable
- + Direct feedback of waste soil into the elevator system
- + High flexibility through versatile accessories for special applications

TECHNICAL DATA



Pot size
25 l and larger



Output
Depending on container size



Soil hopper
1.500 l



Soil hopper (extended)
up to 4.000 l



Transport dimensions
3,00 x 1,30 x 2,00 m



Weight
480 kg



Scan QR Code to
configure your TM 2018



TM 1018

- + Very flexible potting machine for the filling of large pots and containers
- + Suitable for potting root balls and all kinds of bare rooted plants, such as roses and shrubs
- + Especially high productivity for small series, as it requires no retooling
- + Fast and comfortable filling of large containers up to 400 litres
- + Use as additional soil bunker for box fillers or potting machines possible
- + Two independent filling stations, each with one turntable and one pedal switch
- + High flexibility through versatile accessories for special applications

TECHNICAL DATA



Container size
up to 400 l



Output
Depending on container size



Soil hopper
1.500 l



Soil hopper (extended)
up to 4.000 l



Transport dimensions
2,70 x 2,50 x 2,90 m



Weight
700 kg



Scan QR Code to
configure your TM 1018



TM 2400E

- + Very flexible potting machine for tree nurseries and ornamental plant producers
- + Smooth movement of the turntable and very quiet operation even at top production rates
- + High flexibility due to wide range of usable round and square sized pots
- + Electronic adjustable speed of elevator and turntable by means of a frequency converter
- + Pot heights can be adjusted fast and centrally by means of a ratch (standard)
- + Clockwise rotating model available (with surcharge)
- + Numerous standard and special drills can be used
- + Especially suitable for operation in machine lines
- + Numerous equipment variants available for individual requirements

TECHNICAL DATA



Pot size
8 up to 26 cm Ø



Output
up to 4.000 pots/ h



Soil hopper
1.500 l



Soil hopper (extended)
up to 5.000 l



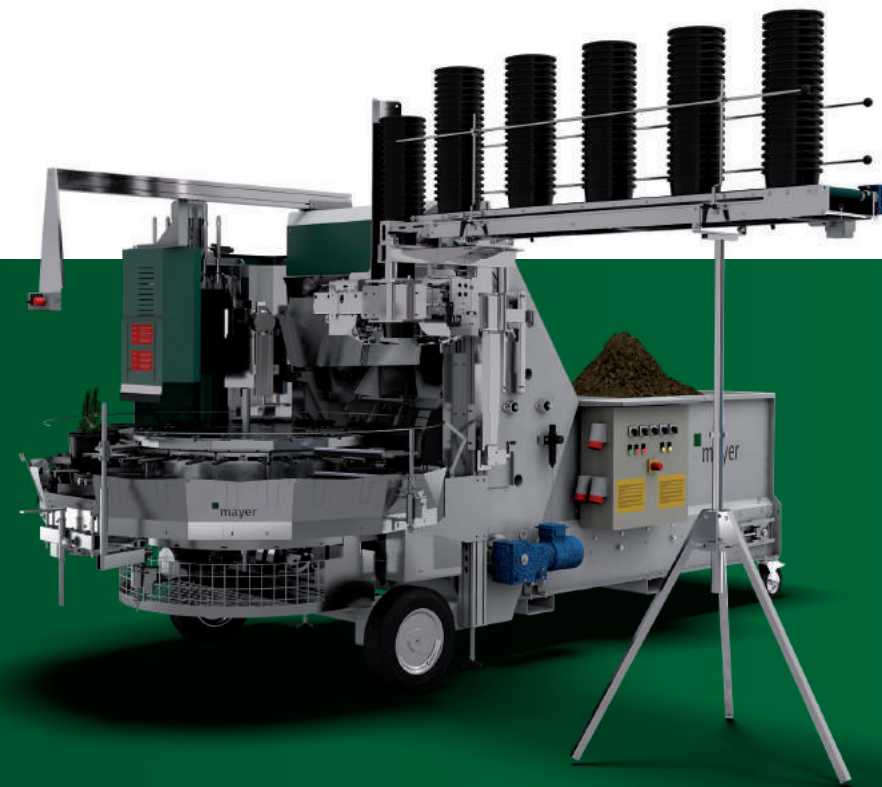
Transport dimensions
4,10 x 1,90 x 1,95 m



Weight
1.600 kg



Scan QR Code to
configure your TM 2400E



TM 2432

- + Robust and durable potting machine with strengthened chassis for use in tree nurseries
- + Smooth movement of the turntable and very quiet operation even at top production rates
- + High flexibility due to wide range of usable round and square sized pots
- + Electronic adjustable speed of elevator and turntable by means of a frequency converter
- + Pot heights can be adjusted fast and centrally by means of a ratch (standard)
- + Three-part slide for exact dosing of additional substrate on turntable centre
- + Numerous standard and special drills can be used
- + Especially suitable for operation in machine lines
- + Numerous equipment variants available for individual requirements

TECHNICAL DATA



Pot size
9 to 32 cm Ø



Output
up to 3.000 pots/h



Soil hopper
1.500 l



Soil hopper (extended)
up to 5.000 l



Transport dimensions
4,60 x 2,20 x 2,30 m



Weight
1.700 kg



Scan QR Code to
configure your TM 2432



TM 2020F

- + Robust and durable potting machine with strengthened chassis for use in tree nurseries
- + Very low construction for optimal working ergonomics and employee satisfaction
- + Various options for the separation of round and square pots
- + Travelling support for additional substrate (especially suitable for bare root plants)
- + Three-part slide for exact dosing of additional substrate on turntable centre
- + Comfortable operation via touch screen and electronic remote maintenance via Ethernet

TECHNICAL DATA



Pot size
12 to 40 cm Ø



Output
up to 2.000 pots/h



Soil hopper
3.000 l



Soil hopper (extended)
up to 5.000 l



Transport dimensions
4,80 x 2,20 x 2,40 m



Weight
2.450 kg



Scan QR Code to
configure your TM 2020F



TM 2040

- + Robust and durable potting machine with strengthened chassis for use in tree nurseries
- + Very low construction for optimal working ergonomics and employee satisfaction
- + Innovative and prize-winning pot magazine Potjet 2 for separating round and square pots
- + Travelling support for additional substrate (especially suitable for bare root plants)
- + Stainless steel console as well as stainless steel blades with forward and backward running
- + Synchronized movement of pot magazine, turntable and drill rig
- + Linear motors to reduce wear and tear as well as power consumption
- + Particularly quiet operation due to linear motors
- + Separately controlled drilling unit for wear reduction of the drive unit on the turntable
- + Comfortable operation via touch screen and electronic remote maintenance via Ethernet

TECHNICAL DATA



Pot size
12 to 40 cm Ø



Output
up to 2.000 pots/h



Soil hopper
3.000 l



Soil hopper (extended)
up to 5.000 l



Transport dimensions
4,80 x 2,20 x 2,40 m



Weight
2.550 kg



Scan QR Code to
configure your TM 2040



Trayfiller Special

- + For filling boxes and trays, particularly growing-on trays with small cells
- + Can be easily integrated in filling and sowing lines
- + Tray/flat feed conveyor with mechanical speed control
- + Naps on surface of conveyor belt for ideal feed of trays
- + Electronic control system for continuous soil supply
- + Adjustable distribution rotor for homogenous filling up to tray's rim
- + Brush off device with feedback of soil into soil hopper
- + Numerous equipment variants available for individual requirements

TECHNICAL DATA



Tray dimensions
60 x 40 x 20 cm



Output
up to 600 trays/h



Soil hopper
600 l



Soil hopper (extended)
up to 1.500 l



Transport dimensions
2,35 x 1,90 x 2,00 m



Weight
560 kg



Scan QR Code to
configure your TF Special



Potjet 2

- Innovative and prize-winning pot destacker for separating round and square pots
- Separation via rotating aluminium or plastic screws
- Comfortable programming via modern and durable touch screen
- Storage of over 1,000 pot types and sizes possible
- Automatic top size change of the magazine without changing the pot input
- High flexibility by mounting on mobile trolleys
- Can be used on Mayer potting machines, conveyor belts and other third-party products
- Retrofitting also possible on older potting machines

TECHNICAL DATA



Pot size
12 to 40cm Ø



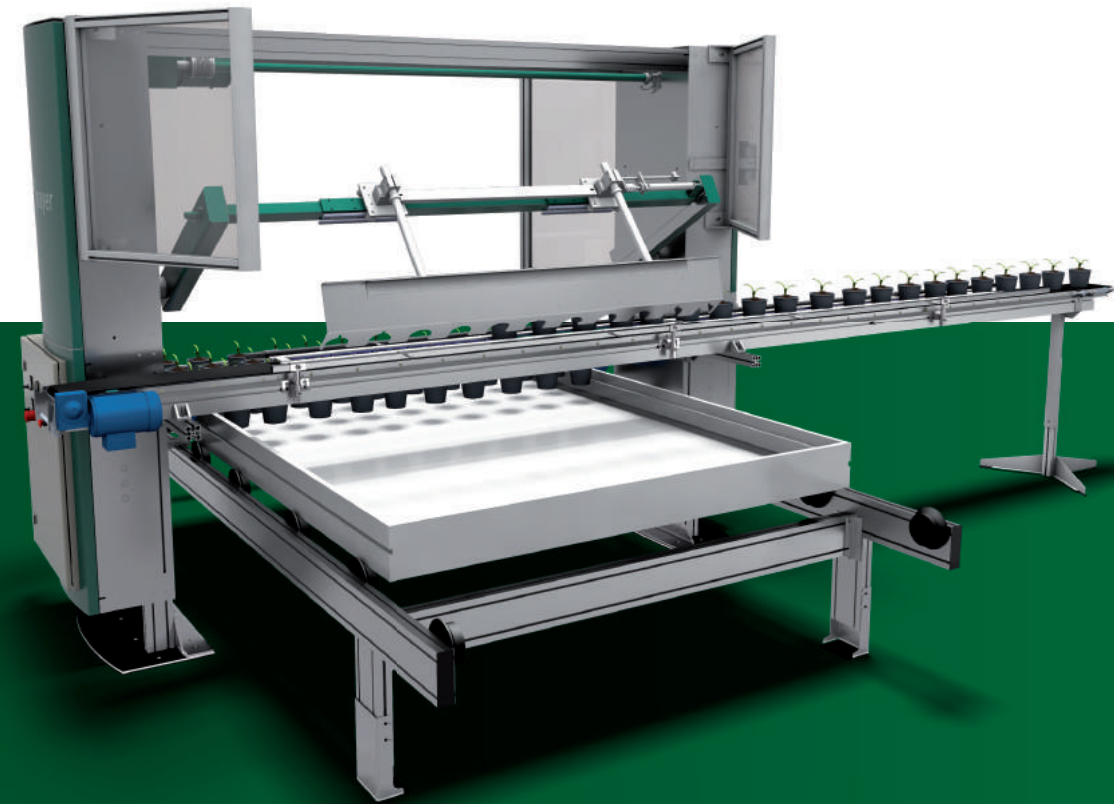
Drive
electric



Weight
approx. 28 kg (with mobile trolley 250 kg)



Scan QR Code to
configure your Potjet 2



TR 4103

- + Automated pot handling of large quantities
- + Precise pot positioning when setting down and moving in series and in combination
- + Improved drive technology for a very quiet operation, even at top production rates
- + Swivelling fork actions ensures full use of bench area
- + Drive on both sides (forward and reverse) for maximum flexibility
- + Compatible with all standard mobile benches and pot conveyor systems
- + PLC-controlled movement and program sequencing
- + Easy to program and input data with modern and durable operating touch screen
- + Support for all European languages, Asian and Cyrillic script
- + Improved operational safety through protective elements according to CE

TECHNICAL DATA



Pot size
8 to 16 bzw. or
25 cm Ø



Output
up to 7.000 pots/h



Fork width
up to 1,6 m



Transport dimensions
2,75 x 1,00 x 2,11 m



Weight
460 kg



Scan QR Code to
configure your TR 4103



TR 4420

- Optimized movement for precise picking up and setting down
- Very quiet operation, even at top production rates
- High flexibility and optimized pot position during positioning
- Compensation of different table widths and friction wheels possible with compression springs
- Swivelling fork actions ensures full use of bench area
- Compatible with all standard mobile benches and pot conveyor systems
- Easy to program and input data with modern and durable operating touch screen
- Support for all European languages, Asian and Cyrillic script
- Improved operational safety through protective elements according to CE

TECHNICAL DATA



Pot size
up to 28cm Ø



Output
up to 7.000 pots/h



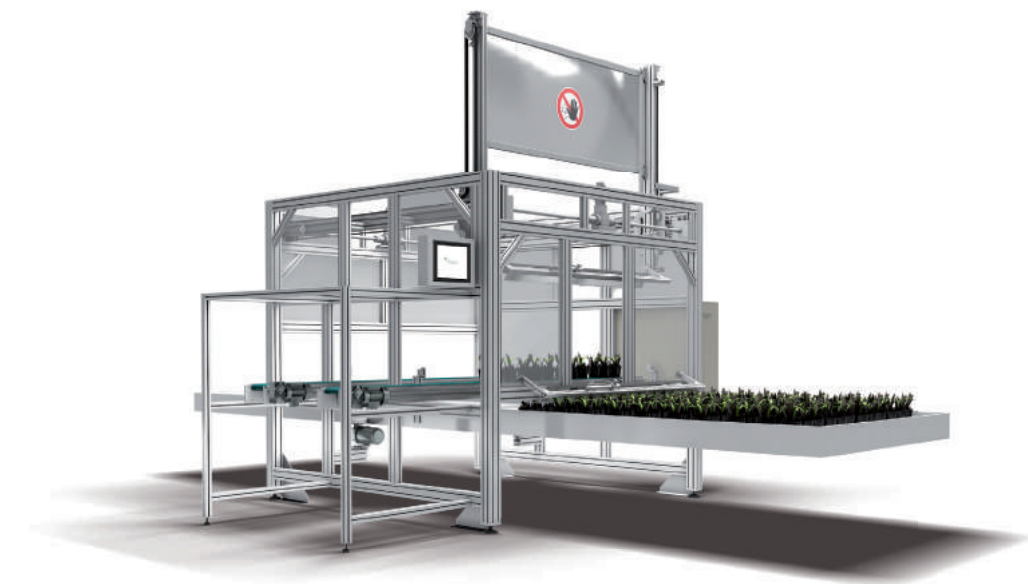
Fork width
up to 1,6 m



Transport dimensions
4,30 x 2,40 x 2,60 m



Weight
1.050 kg



Scan QR Code to
configure your TR 4420

Conveyor belts

Aufbereitung

Befüllung

Handling



Handling

Conveyor belts

- + Robust and durable conveyor belts for use in ornamental plant companies and tree nurseries
- + Available in lengths of 2, 3, 4, 5 and 6 metres (special lengths on request)
- + Available in the widths 17, 21, 25 and 30 cm (special widths on request)
- + Available with fixed or variably adjustable motors and as cardan shaft belt
- + Mayer conveyor belts with cardan shaft are compatible with most makes of other manufacturers
- + Cardan shaft belts drive clutch belts over a total distance of up to 36m
- + Excellent for use in combination with Mayer set-down robots or other third-party products
- + Extensive accessories such as height-adjustable feet, switches, additional shelves and much more



TECHNICAL DATA



Drive
fixed & variable adjustable motors



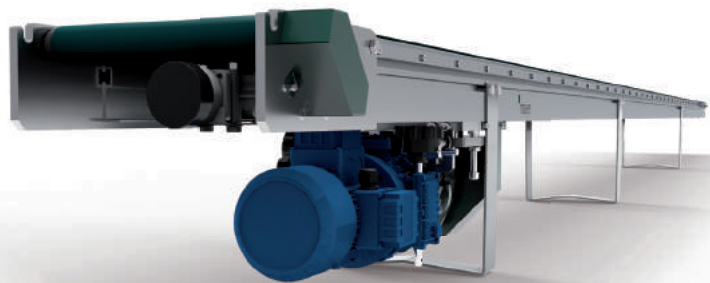
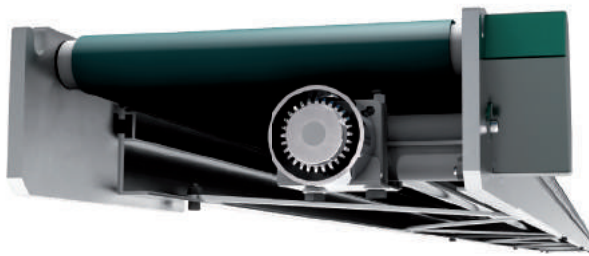
Length
2/3/4/5/6 m
(special lengths on request)



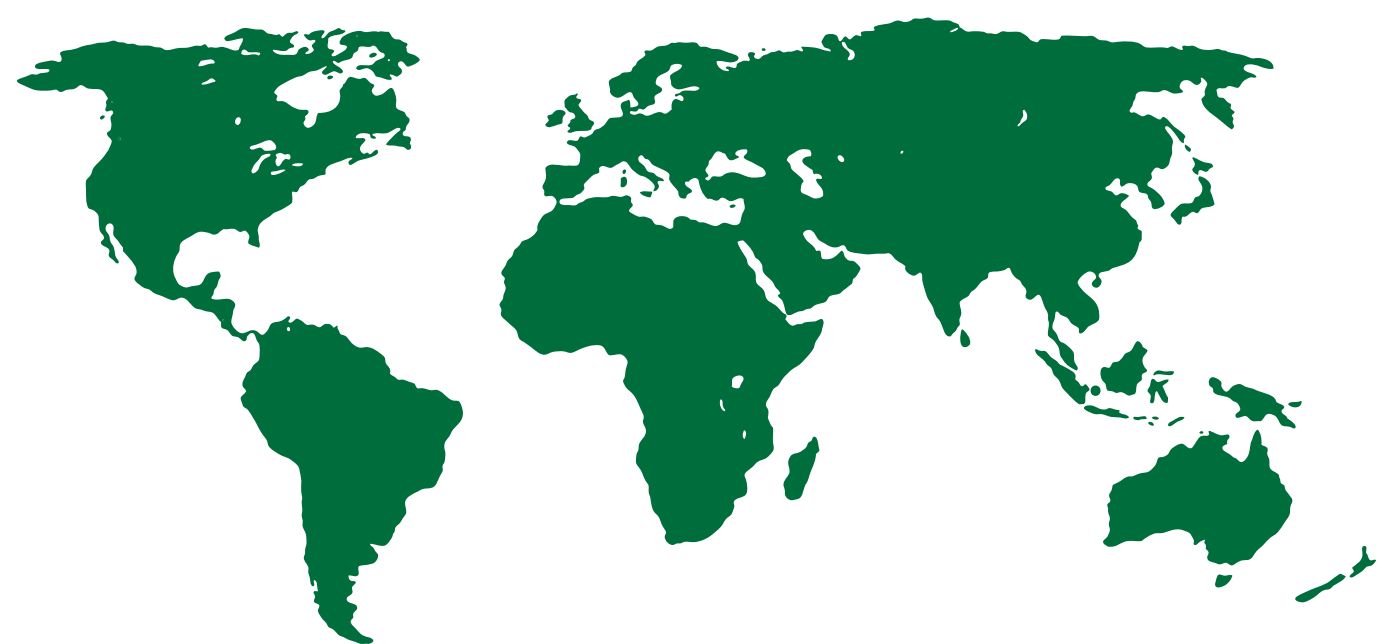
Drive
Cardan shaft belt



Width
17/21/25/30 cm
(special width on request)



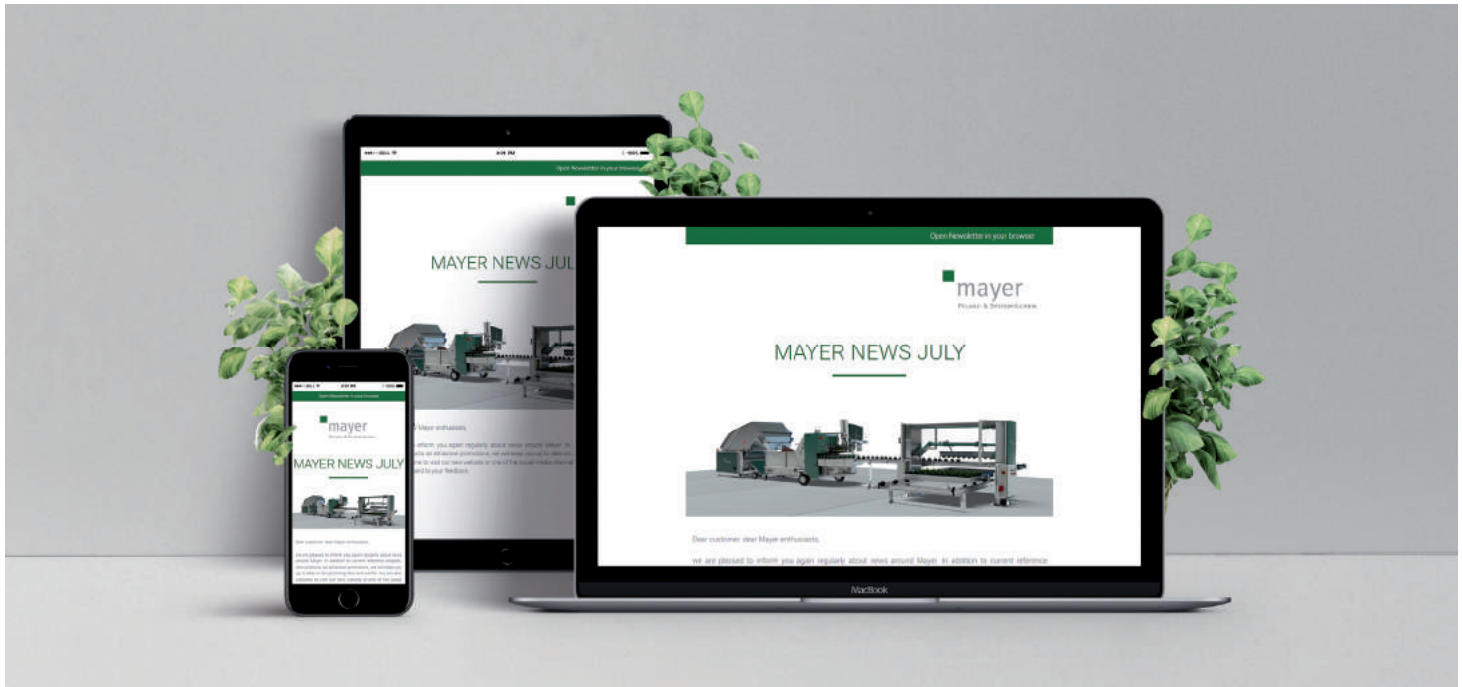
Scan QR Code to
configure your conveyor belts



Mayer - your reliable partner

The purchase of a Mayer machine is the start of a new partnership: With your new machine as well as with your Mayer dealer and service partner. Throughout Germany, the Mayer Customer Centres North, East, South and West offer all Interested parties and customers of the Mayer brand first-class advice, sales and service - customer-oriented, flexible, fast.

More than 40 Mayer dealers and service stations offer first class and local advisory service, sales and after sales service to all interested parties and customers of the Mayer brand worldwide. The Mayer dealers and service stations are your professional partner nearby – customer oriented, flexible and fast.



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