

A detailed white line drawing of a complex industrial machine, likely used for manufacturing bicycle rims. The machine features a large horizontal table, various rollers, and a central mechanism with a rotating component. The drawing is rendered in a clean, technical style with fine lines and shading to indicate depth and mechanical details.

Rim Manufacturing Machines

2024-2025

BIKEBOTIX
SOLUTIONS IN MOTION



Solutions en mouvement

Solutions in motion

Fort de plus de 50 ans d'expérience, Mach1 Machinery a laissé place à BikeBotix pour vous proposer une offre encore plus complète.

Expert de la roue rayonnée de vélo et de moto, BikeBotix accompagne les plus grands acteurs du secteur. De l'entrée de gamme jusqu'au haut de gamme et de la petite à la grande série, Bikebotix est à même de vous proposer les solutions les mieux adaptées à votre besoin.

Fier d'être un acteur majeur et un partenaire de référence, BikeBotix exporte à travers le monde des solutions qui reposent sur 4 fondamentaux : INNOVATION, PERFORMANCE, FIABILITÉ et FLEXIBILITÉ.

With more than 50 years of experience, Mach1 Machinery has given way to BikeBotix to offer you an even more comprehensive offer.

Expert in spoked bicycle and motorcycle wheels, BikeBotix supports the biggest players in the sector. From entry-level to high-end and for small and large series, BikeBotix is able to offer you the solutions best suited to your needs. Proud to be a major player and a reference partner, BikeBotix exports worldwide solutions based on 4 fundamentals: INNOVATION, PERFORMANCE, RELIABILITY and FLEXIBILITY.

Aux côtés des équipes de développement et de support client expertes et hautement qualifiées, 5 domaines d'expertise.

Alongside expert and highly qualified development and customer service teams, 5 areas of expertise.



WHEEL BUILDING



RIM MANUFACTURING



BIKE ASSEMBLY



DATA MANAGEMENT



BIKE TOOLS



SUMMARY

ALLOY RIM MANUFACTURING

PF-BU	5
PCU	5
APPM 2	6
MPPM	6
DRIM	7
DRIM A	8
EFM	9



ALLOY RIM PRODUCTION LINE



PF-BU Profile loading and bending

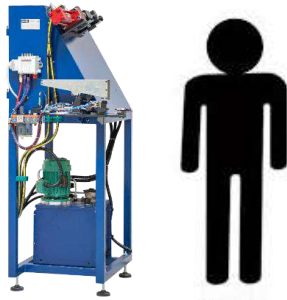


PCU Cutting



Simple or double Wall

MPPM Pin Press



Small batches

APPM2 Pin Press



Big batches

DRIM Drilling



DRIMA Drilling



EFM EYELET Fitting



Rim Manufacturing

PF-BU

BENDING MACHINE - MACHINE DE CINTRAGE



SPECIFICATIONS

- Range : 14" to 28"
- Production capacity : + 500 rims/hour
- Working air pressure : 6 bars - 90 PSI
- Air consumption : 5 liters/min
- Electrical : 3 x 400V + N - 1800 VA
- Sound level : <70 dB
- Weight : 350 Kg
- Size : 7,20 x 1,70 x 1,60m
- CE

OPTIONS

- Alloy profiles feeder heating (18 kW)
- 14" conversion kit

PCU

CUTTING MACHINE - MACHINE DE SCIAGE



SPECIFICATIONS

- Range : 16 " to 28"
- Production capacity : 380- 450 rims/hour
- Working air pressure : 6 bars - 90 PSI
- Air consumption : 5 liters/min
- Electrical : 3 x 400V + N - 2500 VA
- Sound level : <70 dB
- Weight : 550 Kg
- Size : 1,10 x 1,75 x 1,70m
- CE

OPTIONS

- version for 14" to 28"

APPM 2

AUTOMATIC PIN PRESS MACHINE - MACHINE A MANCHONNER AUTOMATIQUE



SPECIFICATIONS

- Range : 20" to 28" simple wall
- Production capacity : 350 - 420 rims/h.
- Working air pressure : 6 bars - 90 PSI
- Air consumption : 10 liters/min
- Electrical : 3 x 400V + N - 3000 VA
- Sound level : <70 dB
- Weight : 350 Kg
- Size : 1,60 x 1,40 x 2,20m
- CE

OPTIONS

- Software for interconnection APPM 2-DRIMA

MPPM

MANUAL PIN PRESS MACHINE - MACHINE A MANCHONNER MANUELLE - MANUELLE STECKMASCHINE - MAQUINA DE PINES MANUAL



SPECIFICATIONS

- Range : 16" to 28"
- Production capacity : 300 - 350 rims/hour
- Air consumption : 2 liters/min (PD option)
- Hydraulic : Adjustable to 70 bars
- Electrical : 3 x 400V + N - 2000 VA
- Sound level : <70 dB
- Weight : 200 Kg
- Size : 0,90 x 0,90 x 1,70m
- CE

OPTIONS

- PD :Semi-automatic pin distributor

DRIM

FLEXIBLE RIM DRILLING MACHINE WITH MANUAL LOADING – PERCEUSE DE JANTES FLEXIBLE A CHARGEMENT MANUEL

SPECIFICATIONS

- Range : 20" to 28"
- Production capacity : 120 – 180 rims/hour (as per number of spoke holes)
- Working air pressure : 6 bars - 90 PSI
- Air consumption : 120 liters/min
- Electrical : 3 x 400V + N - 6000 VA
- Sound level : <70 dB
- Weight : 520 Kg
- Size : 1,65 x 1,85 x 2,10m (only machine)
- CE

OPTIONS

- Range : 14" to 28"



DRIM A

FLEXIBLE RIM DRILLING MACHINE WITH AUTOMATIC LOADING - MACHINE DE PERCAGE DE JANTES FLEXIBLE A CHARGEMENT AUTOMATIQUE

SPECIFICATIONS

- Range : 20" to 28"
- Production capacity :150 - 180 rims/hour (as per number of spoke holes)
- Working air pressure : 6 bars - 90 PSI
- Air consumption : 120 liters/min (+300l/min rim shaker)
- Electrical connection : 3 x 400V + N - 6000
- Sound level : <70 dB
- Weight : 710 Kg with loading system
- Size : 1,65 x 1,85 x 2,10m (only machine)
- CE

OPTIONS

- Rim de-stacker on entry



EFM

AUTOMATIC EYELET FITTING MACHINE - MACHINE AUTOMATIQUE DE POSE D'ŒILLETS



MAIN FEATURES

- Puts eyelets automatically on a selected type of rim.
- Fast rim type selection on touch screen with no mechanical adjustment
- Easy manual rim loading/unloading
- Electric & pneumatic simplicity standard equipment => low maintenance cost
- Instantly production report

Spoke hole zigzag :	-2.5, +2.5mm
Special holes arrangement :	All type supported, 2x2, 4X4, 3X9,
Hole tilt angle :	+3, - 3°
Eyelets loader capacity:	40.000, about 5h production
Number of programmed wheels :	999

SPECIFICATIONS

- Range : 24" to 28"
- Production capacity : 150 - 200 rims/hour (as per rim size and number of holes)
- Working air pressure : 6 bars - 90 PSI
- Air consumption : 100 liters/min
- Electrical connection : 3x400 + N
- Power consumption : 1500 VA
- Sound level : <70 dB
- Weight : 1100 Kg
- Size : 1,00 x 1,40 x 2,35m
- CE

OPTIONS

- Range 20"
- Double eyelets fitting



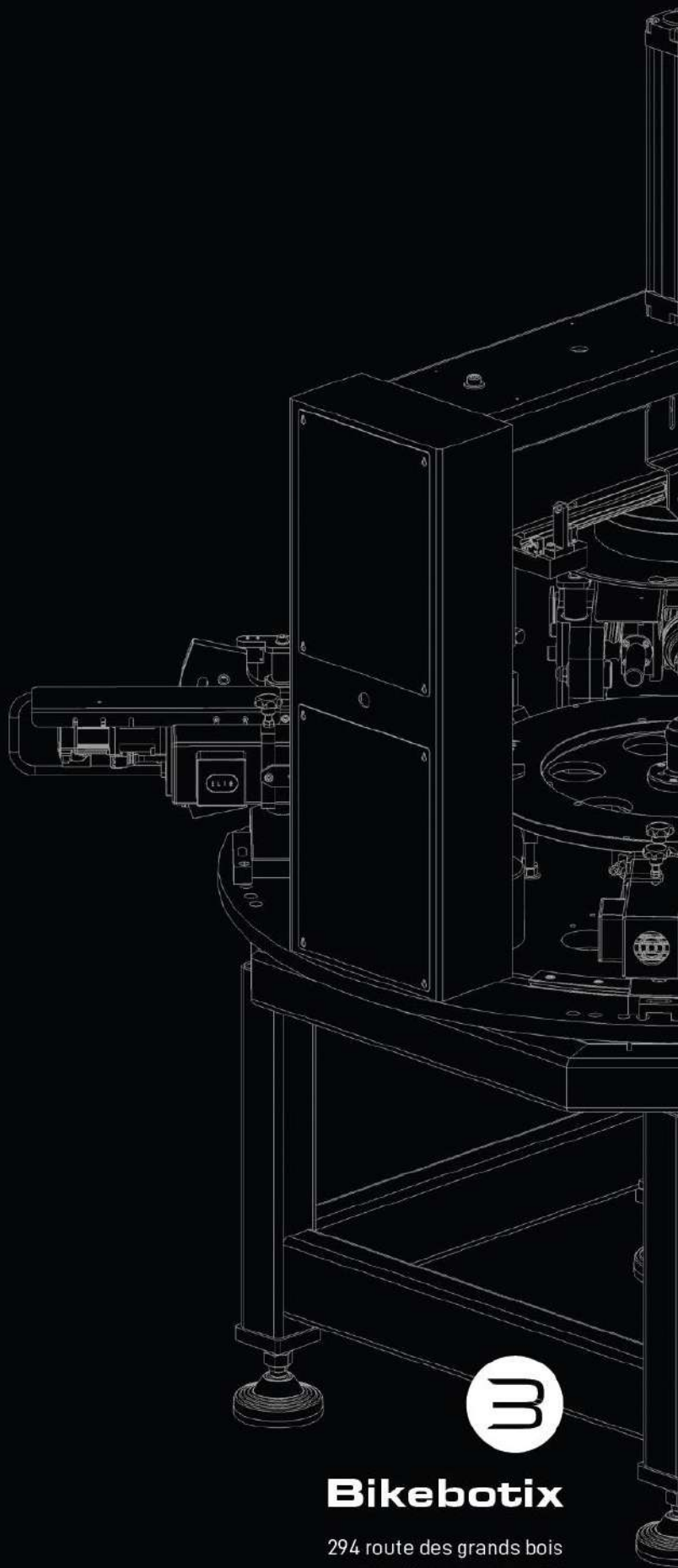


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