

Mølbro *Made for hard work*

TAK FOR INVITATIONEN



Mølbro *Made for hard work*

Mølbro Production A/S

- ❑ Current production established in 1947.
- ❑ Forgings since 1883.
- ❑ 8,500 m² factory facilities.
- ❑ 35 employees.
- ❑ Designs and manufactures more than 1,3 mill wearing parts for soil preparation annually.
- ❑ Consumes approx. 3.000 tonnes of steel per year.
- ❑ 70% aftermarket, 30% to OEM's world wide.
- ❑ Turnover: 6 mio. Euro/ 45 mio DKK annually.
- ❑ New ownership from 1 February 2018. Investors behind Danish machine builders TIM Thyregod, I.B.T. A/S and Bo-Dal Holding



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Mølbro Global

Mølbro export app. 85% of the production.

25% of the export Goes to countries outside the EC.



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Mølbro across Europe:

Head office and manufacturing:
Mølbro Production A/S, Denmark

Sales office:
Mølbro GmbH, Germany

Sales Office:
Molbro France



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Mølbro Products



- ❑ Mølbro Production A/S manufactures high differentiated tillage tools for soil preparation. We have more than 1.200 active wearing parts available in our programme.
- ❑ Mølbro Production A/S also manufactures engineered products with high complexity. All our products are designed by our R&D team in Denmark, and mainly forged in EU and by some of the best forging companies world-wide. All products are finished by our LEAN-teams in Mølbro Production A/S in Denmark.

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Mølbro **M** EUROSHARES[®]

Is constructed in such a way that the best working angles are obtained, and it is indeed the cooperation between all wearing parts which ensure the perfect and economic ploughing conditions.



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Mølbro Product Program

The upset forged Mølbro **M** EUROSHARE[®] have following advantages

- Upset front edge gives great support for mounting of the standard steel reversible M1 point or the M3 EUROPOINT.
- Rough strength prevent the bending/ breaking of the share – even by extreme impact.
- The share is made in 10mm steel in a shape which makes it easy to enter the plough into the soil.
- The EUROSHARE is hardened in such a way that the balance between hardness and ductility is perfect.
- The steel type the EUROSHARE[®] is made of has an extreme alloy steel composition which guarantees a long lasting quality.



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Mølbro **M** program

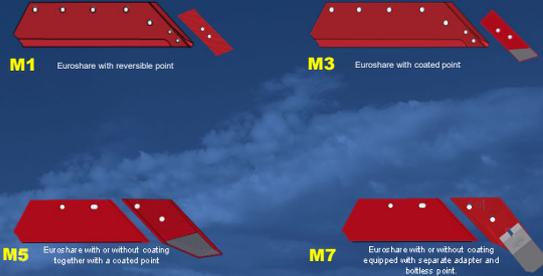
M to fit:
Kverneland
Lomsten
Kuhn-Board
Overum

M1 Euroshare with reversible point

M3 Euroshare with coated point

M5 Euroshare with or without coating together with a coated point

M7 Euroshare with or without coating equipped with separate adapter and boltless point



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Mølbro Product Program

Reversible Mølbro **M1** EUROPOINT[®]

Through many years of dedicated product development Mølbro has achieved unique results with differentiated hardening of the reversible points.

Traditional heat-treated point



Wear zone heat-treated Europoint[®]



M1

Advantages: - long lifetime
- cost efficient

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Mølbro Product Program

Mølbro **M3** EUROPOINT[®]

The unique upset forged front makes a bend or break of the share impossible - even under extreme conditions. These shares are manufactured in thicknesses of 10-14mm, with the unique design which ensures a secure penetration of the plow in the ground. With Mølbro's M3 EUROSHARE[®] you will save diesel and reduce both the consumption of wear parts and the CO₂ emissions

M3

Advantages: - same endurance time of share and point



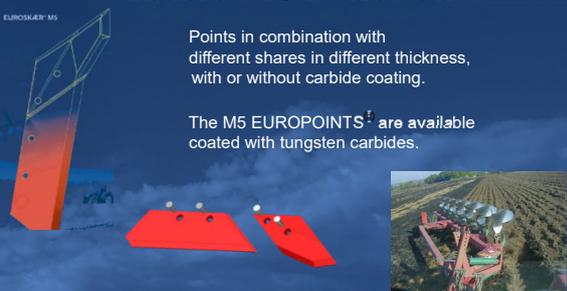
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Mølbro Product Program

Mølbro **M5** EUROPOINT[®]

Points in combination with different shares in different thickness, with or without carbide coating.

The M5 EUROPOINTS[®] are available coated with tungsten carbides.



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Mølbro Product Program

Advantages of Mølbro **M5** EUROPOINT[®]

Subsequently, the farmer is not forced to replace the frog by using this system. He only has to mounted the M5 EUROPOINT[®] and the M5 EUROSHARE[®] on his plough. Depending on the wearing and soil type the farmer will gain the advantage of a more homogeneous wear between the point and the share than ever seen before. The farmer saves a lot of time where he normally have to change wearing parts, and a huge amount of fuel by using the new M5 EUROSHARE[®]; all this means a better economy.

M5

Advantages: - extreme endurance time
- extreme durability in stony soil



Melbro Product Program

Mølbro M7 EUROPOINT

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- ❑ The conical shape of the point and the reverse conical shape of the adapter holds the point without use of bolts
- ❑ The adapter fits the Euroshare perfectly which gives an optimal soil flow
- ❑ The adapter fits the original shares
- ❑ The point gives extra protection to the adapter
- ❑ The point is reversible on the adapter as well as it fits both left and right side
- ❑ You can wear out more than 6 points before you need to replace the M7-adapter
- ❑ The M7-system has the same advantages as the M5-system

Advantages: - extreme quick assembly time of the point
- extreme endurance time of the adapter



Melbro Product Program

M7 full product range

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- MOL 4150/51 to fit Lemken B, BS, JS
- 4879056 M7 wedge
- MOL 612/613 to fit Biverum/Agalux AHAS AK-CU-L
- MOL 83 universal fit to all adapters
- MOL 30-0/-1 to fit Kuhn SK
- MOL 20-0/-1 to fit Kuhn VLVS
- MOL 35-0/-1 to fit Kuhn H4, H6, H8
- MOL 83-0/-1 to fit Kverneland 6, 7, 8, 9, 23
- 4879056 M7 Pro-wedge
- MOL 83-2/-3 to fit Kverneland 12, 19, 20, 30

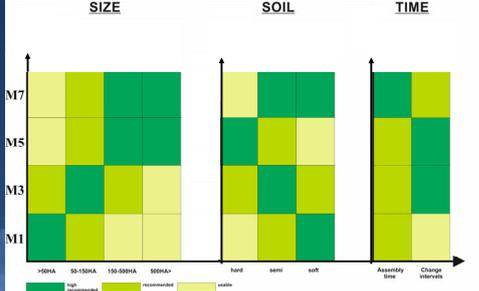
Melbro Product Program

Recommendation for usage of Mølbro's M-series

Our idea make your success!

Melbro M program

SIZE SOIL TIME



Legend: High recommended, recommended, usable

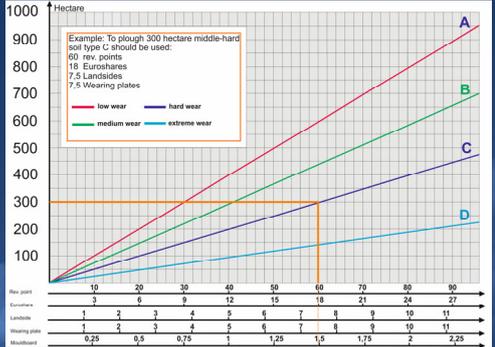
Soil types: hard, semi, soft

Assembly time, Change intervals

Melbro Product Program

Durability of Mølbro products

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Example: To plough 300 hectare middle-hard soil type C should be used:
60 rev. points
18 Euroshares
7.5 Landsides
7.5 Wearing plates

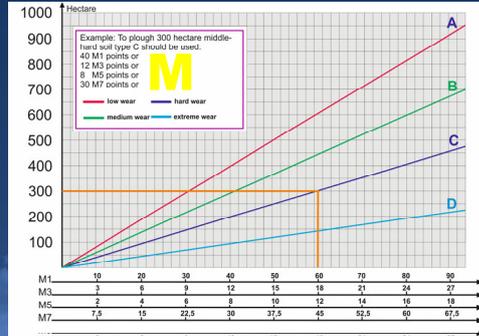
Legend: low wear, medium wear, hard wear, extreme wear

Rev. point	3	6	9	12	15	18	21	24	27
Euroshare	1	2	3	4	5	6	7	8	9
Landside	1	2	3	4	5	6	7	8	9
Wearing plate	0,25	0,5	0,75	1	1,25	1,5	1,75	2	2,25

Melbro Product Program

Durability of Mølbro's M-series products

Our idea make your success!



Example: To plough 300 hectare middle-hard soil type C should be used:
40 M1 points or
12 M3 points or
8 M5 points or
30 M7 points or

Legend: low wear, medium wear, hard wear, extreme wear

M1	10	20	30	40	50	60	70	80	90
M3	3	6	9	12	15	18	21	24	27
M5	2	4	6	8	10	12	14	16	18
M7	7,5	15	22,5	30	37,5	45	52,5	60	67,5
Euroshare	3	6	9	12	15	18	21	24	27

Melbro Product Program

Landside Program

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Subsoiler blade
Landside
Wearing plates
Share knife
Sword coulters

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EUROTILES - Unique Mølbro products

Mølbro offers a wide range of unique developed harrow points equipped with original Mølbro tiles to ensure extreme endurance time, long lifetime and wide changing intervals.

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Väderstad Horsch Köckerling

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Tak

