

MACHINES FOR PITCH CARE

1. Spindle mower (3 pcs.):

- 1) Petrol engine with a min. power of 6.5 HP
- 2) Min. mowing width 80 cm
- 3) Adjustable mowing height up to 60 mm
- 4) Cutting unit with 8-10 cutting blades
- 5) Container for collecting grass
- 6) Maximum weight 170 kg
- 7) Option of (cutting unit) spindle replacement with other cassettes, such as, e.g. brush, dethatcher, etc.
- 8) Rear aluminum roller without rubber coating, consisting of three modules along with a differential mechanism
- 9) Spindle driven with the use of V-belts or chains
- 10) Rigid brush as a replaceable cassette (3 pcs.)
- 11) Front knurled roller with hackle

2. Spindle mower (3 pcs.):

- 1) Min. mowing width 80 cm
- 2) 8-10 cutting blades on the spindle
- 3) Maximum mowing height. 60 mm
- 4) Petrol engine
- 5) Mechanical transmission of the drive unit
- 6) Min. weight 320 kg, max. 350 kg
- 7) Rear crimping 3-part ribbed roller
- 8) Container for collecting grass
- 9) Front knurled roller with hackle
- 10) Levers located in a position comfortable for the operator provide control of the machine

3. Universal set for shallow aeration and cleaning the pitch:

- 1) Option of setting various work configurations
- 2) Operator can perform 4 tasks during one drive or only chosen ones
- 3) Frame for 4 work tools with a manual work depth regulation
- 4) Min. frame length 110 cm
- 5) Weight without frame (without tools) min. 100 kg, max. 150 kg
- 6) Star shaped blades with a minimum working width of 180 cm
- 7) Double harrow – minimum working width 180 cm

- 8) Straight brush – minimum working width 180 cm
- 9) Light shaft – minimum working width 180 cm
- 10) All components (star-shaped blades, double harrow, straight brush and shaft have the same working width)

4. Air aerator:

- 1) Equipped with 3 pins injecting compressed air into the soil
- 2) External spacing of pins 180-200 cm
- 3) Providing working depth down to min. 15 cm
- 4) Max weight 470 kg
- 5) Min. fuel tank capacity 19 l
- 6) Petrol engine with a min. power of 19 HP
- 7) Two-stage compressor with a minimum capacity of 75.71 l
- 8) Equipped with a set of pins with working depth down to 16 cm

5. Harrow for brushing natural, artificial and hybrid turfs:

- 1) Min. working width 180 cm
- 2) Length 180 cm
- 3) Number of rods – min. 136 pcs.
- 4) Rods arranged in 6 to 8 rows
- 5) Adjustment of working depth on 4 wheels
- 6) Weight: min. 200 kg, max. 250 kg
- 7) Tractor with a min. power of 35 HP required

6. Swivel harrow for artificial and hybrid turfs:

- 1) PTO drive
- 2) Harrows/pins with 3 mm width
- 3) Adjustment of height on 4 wheels
- 4) Max weight 460 kg
- 5) Min. working width 120 cm
- 6) Working speed 1.5-4.5 km/h
- 7) Tractor with a min. power of 30 HP required

7. Cutter for hybrid and natural turfs:

- 1) Min. working width 160 cm
- 2) Max. total transport width 290 cm
- 3) Working depth 0-50 mm
- 4) Work shaft with cutting blades for scarification
- 5) Work shaft with cutting blades dedicated for hybrid turfs
- 6) Side arm with belt discharging the collected material
- 7) Rear discharge limiter
- 8) Max weight 890 kg

9) Compatible with tractors of a minimum power of 45-65 HP, PTO 540 rev. and minimum flow of 30 l/min (2 x bilateral couplings)

10) Operation speed 0-4 km/h

8. Rotational mower (5 pcs.):

1) Equipped with rear crimping roller for obtaining a, so called, stripes effect on the turf

2) Min. mowing width 55 cm

3) Four-stroke petrol engine

4) Running drive gear, 3 running speeds: 3.06/4.0/5.15 km/h

5) Min. running speed 5 km/h

6) Corrosion-proof aluminum cutting aggregate

7) Mowing height within the maximum range of 60 mm

8) Mowing height adjustment with the use of one lever in steps of max. 3.5 mm

9) Min. fuel tank volume 1.5 l

10) Max. weight 70 kg

11) Rear steel, double, ribbed roller

12) Blade Blockade Coupling (BBC)

13) Pressure lubrication provided by oil pump

14) Grass container with a minimum capacity of 70 l

15) Equipped with a front care brush with a width equal to mowing width and with height adjustment option

9. Self-propelled rotational mower (2 pcs.):

1) Min. mowing width 120 cm

2) 3-cylinder diesel engine with a power of 26 HP, capacity min. 1116 l

3) Reaching speeds up to 15 km/h

4) Hydrostatic 4-wheel drive with differential lock

5) Fuel tank with min. volume of 29 l

6) Mower with rear ejection to the container

7) Grass container of a minimum capacity of 700 l

8) Hydraulic container discharging system to a min. height of 180 cm

9) Cutting unit consisting of 2-3 cutting blades

10) Cutting unit with tilting option for facilitating access to cutting blades without a necessity of using ramps

11) Max weight 1000 kg

12) Adjustable mowing height within the range between 20-70 mm with a ball coupling for a trailer

SET OF ILLUMINATION LAMPS

1. Illuminating unit (36 lamps) – 5 pcs.:

1) Controlled via computer with a touchscreen

2) Sodium bulbs for illuminating football turfs 1000 W with Hortilux system

- 3) Single-line aluminum, mobile structure
- 4) Equipped with a natural light measurement sensor
- 5) Min. area illuminated by the unit: 240 m²
- 6) Average value of light intensity within the area of 240 m², min. 280 μm/m²/s
- 7) Single-line aluminum, mobile structure on 4 wheels (at least two steering wheels)
- 8) Max. total height of the structure 270 cm
- 9) Height of lamps over the turf surface 210-225 cm
- 10) Total length of the illumination unit 21-21.2 m
- 11) Total width measured from tire edges, min. 210 cm, max. 220 cm
- 12) Tires adapted to football turf, not causing ruts
- 13) Max. weight 677 kg
- 14) Number of lamps 36-38 pcs.
- 15) Option of making a short cable connection between two sets
- 16) Supply cable, min. 25 m 63A/400V – 5 pcs.

2. Illuminating unit (18 lamps) - 2 pcs.:

- 1) Controlled via computer with a touchscreen
- 2) Sodium bulbs for illuminating football turfs 1000 W with Hortilux system
- 3) Equipped with a natural light measurement sensor
- 4) Min. area illuminated by the unit: 120 m²
- 5) Average value of light intensity within the area of 120 m², min. 280 μm/m²/s
- 6) Single-line aluminum, mobile structure on 4 steering wheels
- 7) Max. total height of the structure 270 cm
- 8) Height of lamps over the turf surface 210-225 cm
- 9) Total length of the illumination unit 10.6-11 m
- 10) Total width measured from tire edges, max. 220 cm
- 11) Tires adapted to football turf, not causing ruts
- 12) Max. weight 400 kg
- 13) Number of lamps 18-20 pcs.
- 14) Option of making a short cable connection between two sets
- 15) Supply cable, min. 50 m, 32A/400V – 2 pcs.

Total value of the aforementioned devices: PLN 2,274,600.00 net