

# Marketing Information

Agrofarm 4 / 4E

Stage I / IIIA



## New Agrofarm 4 Series Stage I Agrofarm 4E Series Stage IIIA

Agrofarm 4075 | 4090.4 | 4100.4 Stage I

Agrofarm 4065E | 4075E | 4085E | 4080.4E | 4090.4E | 4100.4E Stage IIIA

Treviglio, March 2024

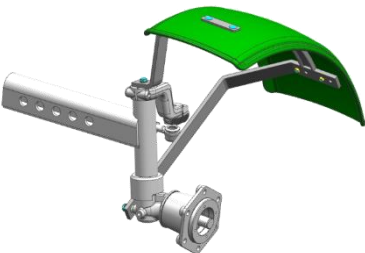


Tyres combination

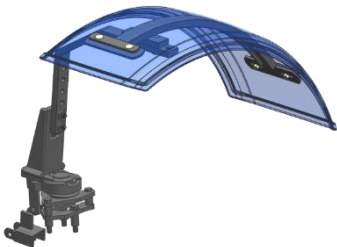
|      |        |                         |                         | Stage I |                  | Stage IIIA |                |                               |
|------|--------|-------------------------|-------------------------|---------|------------------|------------|----------------|-------------------------------|
|      | Code   | Front tyre              | Rear tyre               | 4075    | 4090.4<br>4100.4 | 4065E      | 4075E<br>4085E | 4080.4E<br>4090.4E<br>4100.4E |
| 2 WD | RF129  | 6.00 -16"               | 13.6 -28"               | O       | -                | O          | O              | O                             |
|      | RF041  | 7.50 -16"               | 380/85 R28" (14.9 R28") | O       | -                | O          | O              | O                             |
|      | RF151  | 6.50 -16"               | 420/70 R24"             | O       | -                | O          | O              | O                             |
|      | RF039  | 7.50 -16"               | 320/85 R36" (12.4 R36") | O       | -                | -          | O              | O                             |
|      | RF042  | 7.50 -16"               | 380/85 R30" (14.9 R30") | O       | -                | -          | O              | O                             |
|      | RF044  | 7.50 -16"               | 420/85 R30" (16.9 R30") | O       | -                | -          | O              | O                             |
| 4 WD | RF677  | 250/85 R20" (9.5 R20")  | 340/85 R28" (13.6 R28") | -       | -                | O          | -              | -                             |
|      | RF1199 | 280/70 R20"             | 420/70 R24"             | O       | O                | O          | O              | O                             |
|      | RF502  | 280/85 R20" (11.2 R20") | 380/85 R28" (14.9 R28") | O       | O                | O          | O              | O                             |
|      | RF597  | 300/70 R20"             | 420/70 R24"             | O       | O                | O          | O              | O                             |
|      | RF1200 | 320/70 R24"             | 420/85 R30" (16.9 R30") | O       | O                | -          | O              | O                             |
|      | RF1202 | 280/85 R24" (11.2 R24") | 12.4 -36"               | O       | O                | -          | O              | O                             |
|      | RF510  | 320/85 R20" (12.4 R20") | 380/85 R30" (14.9 R30") | O       | O                | -          | O              | O                             |
|      | RF1648 | 12.4 -24" R1W           | 16.9 -30" R2            | O       | O                | O          | O              | O                             |
|      | RF1647 | 320/85 R24" (12.4 R24") | 460/85 R30" (18.4 R30") | -       | O                | -          | -              | O                             |

Front mudguards

Front mudguards  
for 2 WD (WE004)



Front steering mudguards  
for 4 WD (WE003)



NOTE

Dimensions & Weight



| 4E Series                                        |      | 4065          | 4075 -4085    | 4080.4 - 4100.4 |
|--------------------------------------------------|------|---------------|---------------|-----------------|
| Wheelbase 2WD / 4WD (A)                          | [mm] | 2.041 / 1.976 |               | 2.171 / 2.106   |
| Length (B)                                       | [mm] | 3.860         |               | 3.990           |
| Height (C)<br>(center rear axle - roof with A/C) | [mm] | 1.966         |               |                 |
| Height (C1)<br>(center rear axle - roof w/o A/C) | [mm] | 1.907         |               |                 |
| Height<br>(center rear axle - ROPS)              | [mm] | 1.863         |               |                 |
| Weight with cab (2WD / 4WD)                      | [Kg] | 2.650 / 2.950 | 2.850 / 3.150 | 2.950 / 3.250   |
| Weight with plat (2WD / 4WD)                     | [Kg] | 2.500/ 2.800  | 2.700 / 3.000 | 2.800 / 3.100   |
| Front Admissible Load 2WD / 4WD                  | [Kg] | 1.100 / 2.200 |               |                 |
| Rear Admissible Load 2WD / 4WD                   | [Kg] | 2.700 / 3.000 |               |                 |
| Total Admissible Load 2WD / 4WD                  | [Kg] | 3.800 / 4.800 |               |                 |

NOTE

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## Technical sheet

| 4065                                       | 4075      | 4085      | 4080.4    | 4090.4    | 4100.4    |
|--------------------------------------------|-----------|-----------|-----------|-----------|-----------|
|                                            |           |           |           |           |           |
| 1000 Series                                |           |           |           |           |           |
| IIIA                                       | I / IIIA  | IIIA      | IIIA      | I / IIIA  | I / IIIA  |
| 3 / 3.000                                  |           |           | 4 / 4.000 |           |           |
| 105 / 115,5                                |           |           |           |           |           |
| Turbo                                      |           |           |           |           |           |
| Direct                                     |           |           |           |           |           |
| -                                          | 51,5 / 70 | -         | -         | 64,1 / 87 | 69.3 / 94 |
| -                                          | 254       | -         | -         | 336       | 366       |
| 45,6 / 62                                  | 53 / 72   | 60,3 / 82 | 58,8 / 80 | 62,5 / 85 | 70 / 95   |
| 232                                        | 265       | 310       | 325       | 348       | 373       |
| 70                                         |           |           |           |           |           |
|                                            |           |           |           |           |           |
| SDF                                        |           |           |           |           |           |
| 5 gears x 3 ranges and splitter            |           |           |           |           |           |
|                                            |           |           |           |           |           |
| Mechanical with lever under steering wheel |           |           |           |           |           |
| 30 + 15                                    |           |           |           |           |           |
|                                            |           |           |           |           |           |
| ●                                          | ●         | ●         | ●         | ●         | ●         |
| ●                                          | ●         | ●         | ●         | ●         | ●         |
|                                            |           |           |           |           |           |
| ●                                          | ●         | ●         | ●         | ●         | ●         |
| 2.500                                      | 3.500     | 3.500     | 3.500     | 3.500     | 3.500     |
|                                            |           |           |           |           |           |
| 42                                         | 42        | 42        | 42        | 42        | 42        |
| 2                                          | 2         | 2         | 3         | 3         | 3         |

### NOTE

- Standard
- Option
- Not available

Standard or Optional feature is related to WLD price list







**DEUTZ  
FAHR**

DEUTZ-FAHR is a brand of  **SDF**



Table 2. Technical data of the loaders

| No. | Listing                                    | Unit   | MT01 Mini            | MT01                 | MT02                 | MT03                 | MT04                 |
|-----|--------------------------------------------|--------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 1   | Machine type:                              | -      | mounted              | mounted              | mounted              | mounted              | mounted              |
| 2   | Way of aggregating with the tractor        | -      | Supporting structure | Supporting structure | Supporting structure | Supporting structure | Supporting structure |
| 3   | Lifting height <sup>1)</sup> :             | mm     | 3220                 | 3100                 | 3570                 | 3920                 | 4500                 |
| 4   | Loader mass <sup>2)</sup> :                | kg     | 496                  | 500                  | 562                  | 617                  | 666                  |
| 5   | Estimated lifting capacity <sup>3)</sup> : | kg     | 1300                 | 1300                 | 1600                 | 1800                 | 2000                 |
| 6   | Scooping depth <sup>4)</sup> :             | mm     | 230                  | 230                  | 230                  | 230                  | 230                  |
| 7   | Scooping angle:                            | degree | 34°                  | 43°                  | 30°                  | 43°                  | 35°                  |
| 8   | Dump angle:                                | degree | 51°                  | 58°                  | 62°                  | 58°                  | 55°                  |
| 9   | Adjustment of working height:              | -      | hydraulic            | hydraulic            | hydraulic            | hydraulic            | hydraulic            |
| 10  | Levelling error <sup>5)</sup> :            | degree | max 3°               | max 3°               | max 3°               | max 3°               | max 3°               |
| 11  | Levelling error for the bucket:            | degree | max 10°              | max 10°              | max 10°              | max 10°              | max 10°              |
| 12  | Working pressure <sup>6)</sup> :           | Bar    | Up to 170            | Up to 190            | Up to 190            | Up to 190            | Up to 160            |
| 13  | Tractor power:                             | HP     | Up to 80             | 70 - 90              | 60 - 120             | 90 - 150             | 120 - 190            |
| 14  | Working velocity (max):                    | km/h   | 8                    | 8                    | 8                    | 8                    | 8                    |
| 15  | Transport velocity (max):                  | km/h   | 15                   | 15                   | 15                   | 15                   | 15                   |
| 16  | Noise level <sup>7)</sup> :                | dB     | Less than 70         | Less than 70         | Less than 70         | Less than 70         | Less than 70         |

- 1) Lifting height from the ground to the euroframe rotation axle
- 2) Ready for work without the supporting structure.
- 3) It depends on a tractor and pump model.
- 4) Measured on the Metal-Technik standard bucket.
- 5) Measured throughout the scope from the level for accessories with straight loops.
- 6) Pressure set at the divider valve.
- 7) Sound pressure level (LpA).

The lifting height can be changed on account of:

- a tractor model;
- the state of the tires;
- pressure in the tyres.

It is forbidden to push off snow or surface the terrain with the bucket position tilted maximally downwards. If the blade should catch on a stone, there is a risk of bending the levelling elements. Any work related to scooping up ground with the bucket must be performed cautiously and with prudence, since the equipment purchased is not intended for construction work.

## 9. Operational suggestions and advice

Fig 8 depicts a situation of standing a lying bale in order to present the work of bumpers connected to the overflow valves. Fig 8a depicts a situation in which we can clamp the grip after driving up to the lying bale. When we do not change the inclination angle of the grip (in the direction proper to stand the bale) when lifting the load, the maximum height to which the loader can be raised amounts to 2126mm (see fig 8b). Continued lifting requires the additional overcoming of resistances related to pumping the oil from the levelling hydraulic



# 8. Technical description

The technical data of the front loaders are put in table 2 on the basis of fig 7.

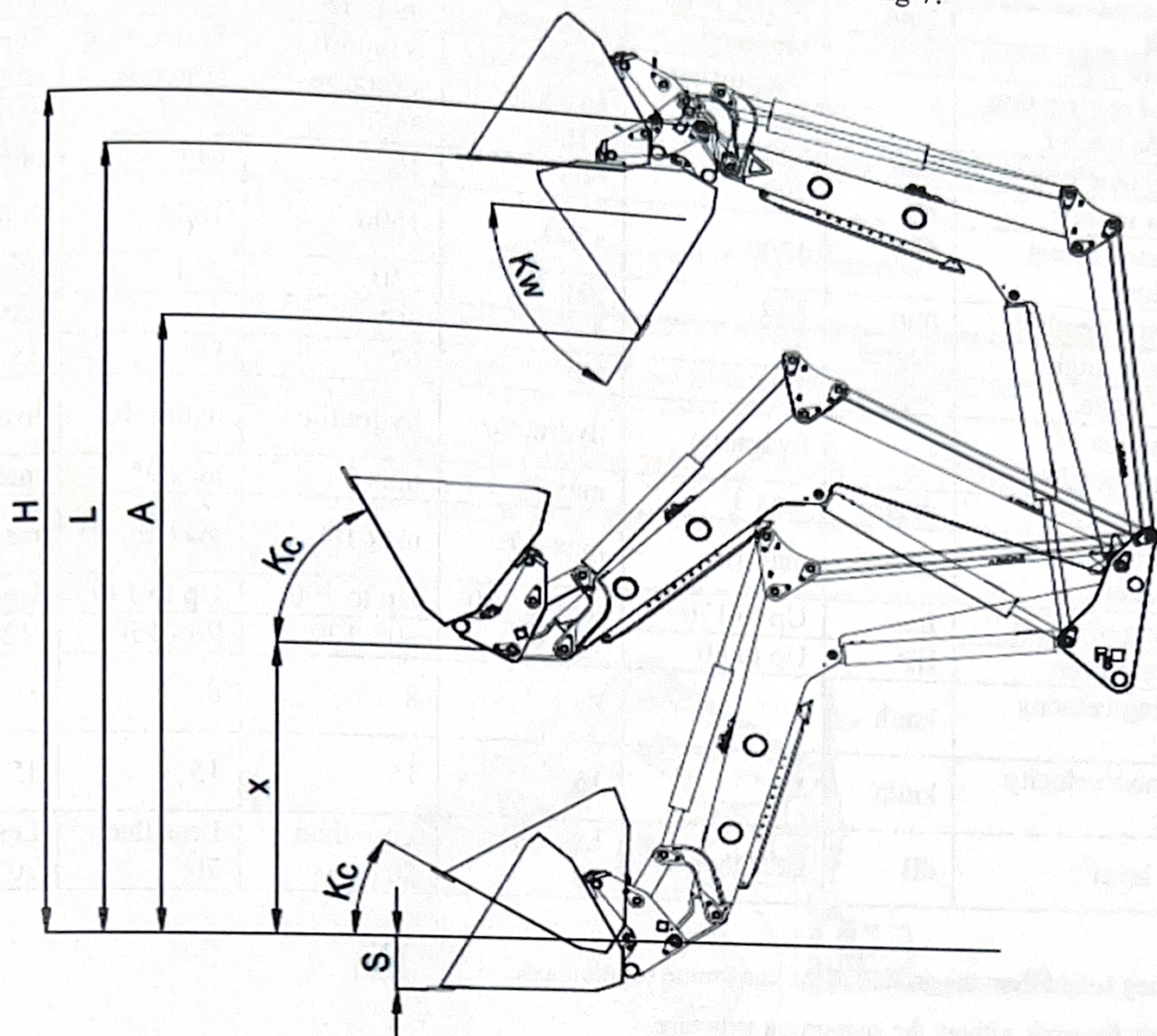


Fig 7. Diagram of the front loader: H - lifting height (mm), L - unloading height, parallel (mm), A - unloading height, dropped (mm), S - scooping depth (mm), Kc - scooping angle (°), Kcx - scooping angle at height x (°), Kw - emptying angle (°)

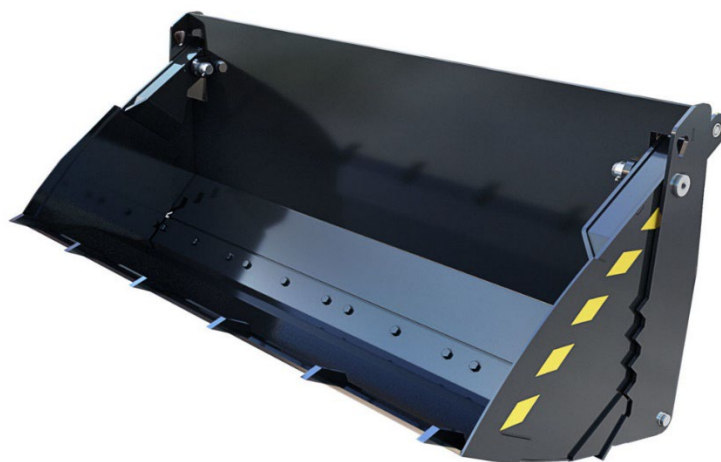
The loaders are characterized by a small levelling error for accessories with welded loops at the angle of 90° to the floor and amounts 3 degrees. In applying a low lifting hydraulic trolley or a slanting loop grip (like in the bucket), a levelling error will enlarge, yet it will fit into the tolerance limits ensuring comfortable work.

The maximum scooping angle is achieved at the height of 1000mm and it is corrected by the system hydraulic valves, hydraulic cylinders with a double piston rod and bumpers to prevent a collision of the frame with the loader frame.

The data given are averaged and can differ to a small degree depending on a tractor model. On account of the continuous improvement of the products, the parameters can be changed. Applying the accessories of other brands and types causes a change of the parameters. A levelling error is measured for accessories with welded loops at 90° relative to the floor. For the bucket the angle is different, which can trigger a bigger error.



## CUPA MAXILAR 0.4m3 MTC Metals



### Parametrii tehnici:

*CAUS CU MAXILAR 0.4m3*

|                         |                 |
|-------------------------|-----------------|
| <b>VOLUMUL:</b>         | <b>0.4m3</b>    |
| <b>LUNGIME:</b>         | <b>1040mm</b>   |
| <b>LATIME:</b>          | <b>2000mm</b>   |
| <b>INALTIME:</b>        | <b>850mm</b>    |
| <b>GREUTATE:</b>        | <b>340 kg</b>   |
| <b>PUTERE NECESARA;</b> | <b>70/120cp</b> |

## Lama nivelare pe incarcator frontal MTC Metals



### *Parametrii tehnici:*

#### *Lama nivelare pe incarcator frontal EURO*

|                         |                  |
|-------------------------|------------------|
| <b>Latime:</b>          | <b>2000 mm</b>   |
| <b>Inaltime:</b>        | <b>600 mm</b>    |
| <b>Greutate:</b>        | <b>205 kg</b>    |
| <b>Viteza de lucru:</b> | <b>5 km/ora</b>  |
| <b>Agatare:</b>         | <b>EURO</b>      |
| <b>Putere tractor:</b>  | <b>70/120 cp</b> |



# 5 Tons





# PRODUCT FEATURES AND OPTIONS



Capacity  
7,6m³



Dimensions: 210x400x50  
(Width x Length x Side Door)



Loading Capacity:  
5 Tons



Extention:  
: 30+30 cm or 40+40 cm



Tyre:  
11.5 / 80-15.3

## OPTIONS & DIFFERENCES ON THE COMPONENTS



Extra Extention Difference



Openable Side Doors Difference



Brand (Hammock) Differences



Air Brake Differences



## Dispozitiv de agățare tomberon



### Parametrii tehnici:

#### Dispozitiv de gățare tomberon

|                                        |                   |
|----------------------------------------|-------------------|
| <b>LUNGIME:</b>                        | <b>3000 mm</b>    |
| <b>LATIME:</b>                         | <b>600 mm</b>     |
| <b>INALTIME:</b>                       | <b>3200 mm</b>    |
| <b>GREUTATE:</b>                       | <b>400 kg</b>     |
| <b>Sistem de functionare:</b>          | <b>Hidraulic</b>  |
| <b>PUTERE hidraulica:</b>              | <b>160 bar</b>    |
| <b>Latimea de agatare tomberon:</b>    | <b>360-560 mm</b> |
| <b>Înălțimea de ridicare tomberon:</b> | <b>3300 mm</b>    |
| <b>Capacitatea de încărcare:</b>       | <b>500 kg</b>     |



## Tomberon/Pubela 120 L



### Parametrii tehnici:

*Tomberon din plastic cu capac si roti din cauciuc, 120 L*

|                           |                                  |
|---------------------------|----------------------------------|
| <b>VOLUM:</b>             | <b>120 L</b>                     |
| <b>DIMENSIUNI mm:</b>     | <b>480 x 530 x 990 mm</b>        |
| <b>DIAMETRU ROȚI:</b>     | <b>200 mm</b>                    |
| <b>MATERIALUL PRODUS:</b> | <b>HDPE</b>                      |
| <b>CULOARE:</b>           | <b>VERDE</b>                     |
| <b>DOTĂRI:</b>            | <b>MÂNERE / ROȚI / AX ZINCAT</b> |
|                           |                                  |