

Medium Capacity Telehandlers

Turbofarmer 42.7





PERFORMANCE AND FEATURES

TF42.7EE

TF42.7-116EE

Performance

Unladen weight (kg)

7700

7700

Maximum load capacity (kg)

4200

4200

Lift height (m)

7

7

Maximum reach (m)

3.8

3.8

Lift height at max. load capacity (m)

5.6

5.6

Reach at max. load capacity (m)

1.5

1.5

Load capacity at max. lift height (m)

3500

3500

Load capacity at max. reach (kg)

1750

1750

Boom side-shift (mm)

-

-

Frame levelling (%)

-

-

Boom section

2

2

Powertrain

Engine

Deutz TCD3.6

Deutz TCD3.6

Range/Cylinders

3600/4

3600/4

Engine power (kW/HP)

100/136

100/136

Anti-pollution technology

Tier 4 - SCR + DOC

Tier 4 - SCR + DOC

Reversible Fan

●

●

Maximum speed (km/h)

25

25

Fuel tank capacity (l)

37

37

AdBlue tank capacity (l)

4.8

4.8

Hydrostatic transmission

YES - 2V

YES - 2V

EPD

PLUS

PLUS

Joystick autoaccelerante

STD

STD

Axles

Drop portal

Drop portal

Reducers

RR 700

RR 700

Brakes

Dry discs

Dry discs

Hydraulic

Hydraulic pump

LS+FS

LS+FS

Delivery / pressure (L / MIN - BAR)

150-250

150-250

Hydraulic oil tank capacity (l)

100

100

Auxiliary hydraulic service on boom

●

●

Rear service line

○

○

Cab

Cab finishing

ECO

ECO

ASCS

Light

Light

FOPS II Cab

●

●

ROPS Cab

●

●

Controls

Electronic joystick control

Electronic joystick control

Tilting cab

—

—

Reverse shuttle

Dual reverse

Dual reverse

Configuration

Hydropneumatic Suspension CS Merlo

—

—

Hydropneumatic Suspension BSS Merlo

○

○

Hydropneumatic Suspension EAS Merlo

—

—

Work lights on cab

○

○

Sun-shade in the cab

○

○

Tac-lock

●

●

Pre-arrangement for aerial work platform

○

○

Two floating forks

●

●

Pedal Inching-Control

●

●

Permanent four-wheel drive

●

●

All wheel steering

●

●

Three steering way

●

●

Standard tyres

OPT tyres

Hydraulically controlled stabilizers

—

—

Turret rotation

—

—

Tractor type approval

—

—

Pneumatic brakes (ton)

○

○

Hydraulic brakes (ton)

○

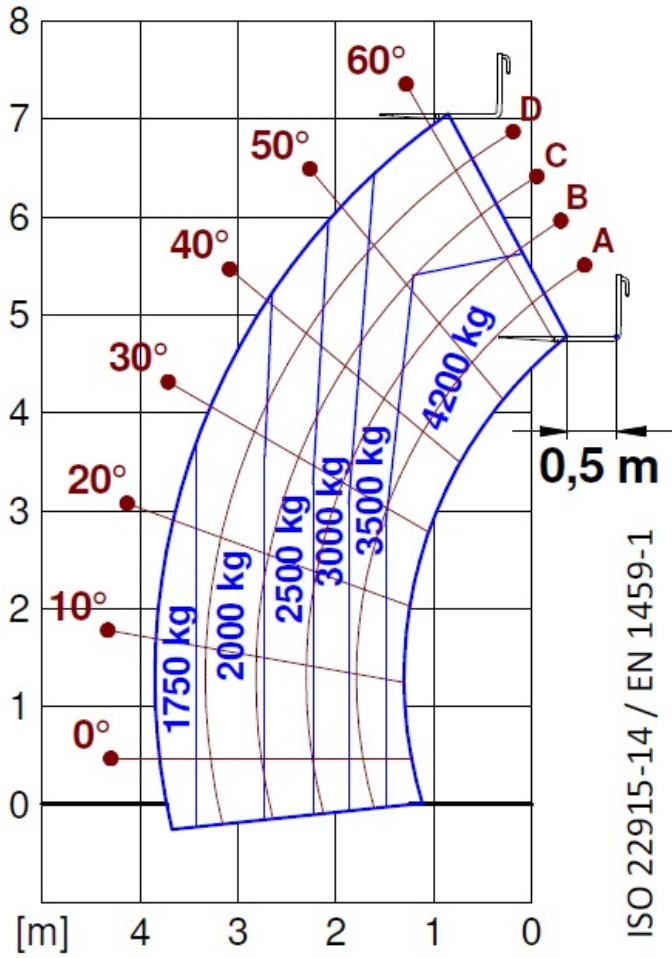
○

PTO

3-point rear linkage



— not available
● standard
○ optional



Dimensions



| | TF42.7EE | TF42.7-116EE | |
|------------------------------|----------|--------------|--|
| A - Length | 4730 | 1215 | |
| C - Wheelbase | 2810 | 4104 | |
| F - Ground clearance | 460 | 460 | |
| H - Width | 2310 | 2310 | |
| M - Cabin width | 1010 | 1010 | |
| P - Height | 2530 | 2530 | |
| R - Turning radius at wheels | 3985 | 3985 | |
| S - Turning radius at forks | 4800 | 4800 | |

Your Merlo dealer

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