snorkel

SR5719E



CE

OPERATOR'S and MAINTENANCE MANUAL

Part Number 1590191-000
August 2023

Manufactured December 2021 and after
Replaces January 2023

MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Manual... Order the manual at mid-west-tech.com >

Index

1. GENERAL INFORMATION 9
1.1 PRELIMINARY INFORMATION 10
1.1.1 DOCUMENT IDENTIFICATION 10
1.1.2 SYMBOLS USED IN THE MANUAL 10
1.1.3 MANUAL PROPERTY 10
1.1.4 VALIDITY 10
1.1.5 THE IMPORTANCE OF THE MANUAL 11
1.1.6 RECIPIENTS OF THE MANUAL 11
1.1.7 SAFE-KEEPING OF THE MANUAL 11
1.1.8 TERMINOLOGY USED 11
1.2 THE MANUFACTURER 12
1.3 THE DEALER 12
1.4 CE CERTIFICATION 13
1.5 OPERATOR TRAINING 13
1.5.1 DRIVING ABILITY 13
1.6 MACHINE IDENTIFICATION 13
1.6.1 TECHNICAL NAME 13
1.6.2 IDENTIFICATION PLATE 14
1.7 NOISE 15
1.8 VIBRATIONS 15
1.9 TECHNICAL SPECIFICATIONS 16
1.9.1 MACHINE WEIGHT 16
1.9.2 MACHINE DIMENSIONS 16
1.9.3 BRAKING SYSTEMS 17
1.9.4 TRANSMISSION 17
1.9.5 STEERING 17
1.9.6 HYDRAULIC SERVICES SYSTEM 18
1.9.7 DIFFERENTIAL AXLES 18
1.9.8 ELECTRICAL COMPONENTS 19
1.9.9 COOLING SYSTEM 20
1.9.10 TIRES 20
1.9.11 DRIVER'S CAB 21
1.10 REGULATORY REFERENCES 22
2. SAFETY 23

MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Ma... Order the manual at mid-west-tech.com >

2.1 INTENDED USE OF THE MACHINE 24
2.2 PROHIBITED USE 24
2.3 LIMITS OF USE 25
2.4 GENERAL REGULATIONS FOR USE 26
2.5 WORKING ON SITE 27
2.6 MANEUVERING ON UNEVEN GROUND 29
2.7 MANEUVERING ON TERRAIN WITH A TRANSVERSAL SLOPE 29
2.8 MANEUVERING ON TERRAIN WITH A LONGITUDINAL SLOPE 30
2.9 IN CASE OF TIPPING OVER 30
2.10 PREPARING TO DRIVE 31
2.10.1 ACCESS TO THE DRIVER'S CAB 31
2.10.2 ADJUSTING THE DRIVER'S SEAT 32
2.10.3 TILTING THE SEAT 33
2.10.4 SAFETY BELTS 33
2.10.5 ADJUSTING THE STEERING WHEEL 34
2.11 OPENING THE REAR WINDOW 34
2.12 CAB VENTILATION AND HEATING SYSTEM 34
2.13 SAFETY DECALS 36
2.14 LOAD DIAGRAM 39
2.14.1 STABILITY CONDITIONS 40
2.15 ANTI-ROLL SYSTEM 41
2.16 TRANSPORTING THE MACHINE 42
2.16.1 LOADING AND UNLOADING WITH CHUTES 42
2.16.2 LOADING AND UNLOADING WITH A CRANE 42
2.17 GENERAL SAFETY WARNINGS 43
2.18 MOVEMENT IN REVERSE DRIVE 44
2.19 CHARGING THE MAIN BATTERY 45
2.20 STORING THE MACHINE 48
2.21 MACHINE DEMOLITION 48
2.22 USING THE MACHINE 48
2.22.1 DRIVING ABILITY 49
2.22.2 RESPONSIBLE USE 49
2.22.3 RESPONSIBLE DRIVING 49
2.23 ROAD CIRCULATION 50
2.23.1 BEFORE MOVING 50

MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Ma... Order the manual at mid-west-tech.com >

2.23.2 FORWARD DRIVE 50
2.23.3 REVERSE DRIVE 50
2.23.4 PARKING 51
3 CONTROLS AND GENERAL RULES 53
3.1 DESCRIPTION OF THE CONTROLS 54
3.1.1 CONTROL LEVERS ON THE STEERING COLUMN 54
3.2 DESCRIPTION OF THE RIGHT FRONT DASHBOARD 56
3.2.1 ON BOARD COMPUTER 56
3.2.2 MAIN DISPLAY SCREEN 57
3.2.3 VEHICLE MENU 58
3.2.3.1 VEHICLE ERRORS PAGE 59
3.2.3.2 MAIN BATTERY INFORMATION PAGE 60
3.2.3.3 ALIANT BATTERY ERRORS PAGE 61
3.2.3.4 KAITEK BATTERY ERRORS PAGE 62
3.2.3.5 ELECTRIC MOTORS INFORMATION PAGE 63
3.2.3.6 SETTINGS PAGE 64
3.2.3.7 LANGUAGES PAGE 65
3.2.3.8 INPUTS PAGE 66
3.2.3.9 CONFIGURATION PAGE 67
3.2.3.10 INFO PAGE 68
3.2.3.11 FORWARD MOTION BUZZER (OPTIONAL) 69
3.2.3.12 CLOCK 70
3.2.3.13 CONSTANT FLOW (OPTIONAL) 71
3.2.3.14 WINCH SELECTOR (OPTIONAL) 72
3.2.3.15 BUCKET MODE 73
3.2.3.16 SAFETY WARNINGS 74
3.2.4 RIGHT FRONT DASHBOARD 76
3.2.5 FIRST RIGHT SIDE DASHBOARD 76
3.2.6 SECOND RIGHT SIDE DASHBOARD 77
3.2.7 PEDALS 78
3.2.8 ROTARY KEYPAD 79
3.2.9 JOYSTICK 80
3.2.10 FLOATING BOOM FUNCTION (OPTIONAL) 81
3.2.11 BOOM SUSPENSION FUNCTION (OPTIONAL) 81
4 OPERATING WITH THE MACHINE 83

MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Ma... Order the manual at mid-west-tech.com >

1.9 TECHNICAL SPECIFICATIONS

1.9.1 MACHINE WEIGHT

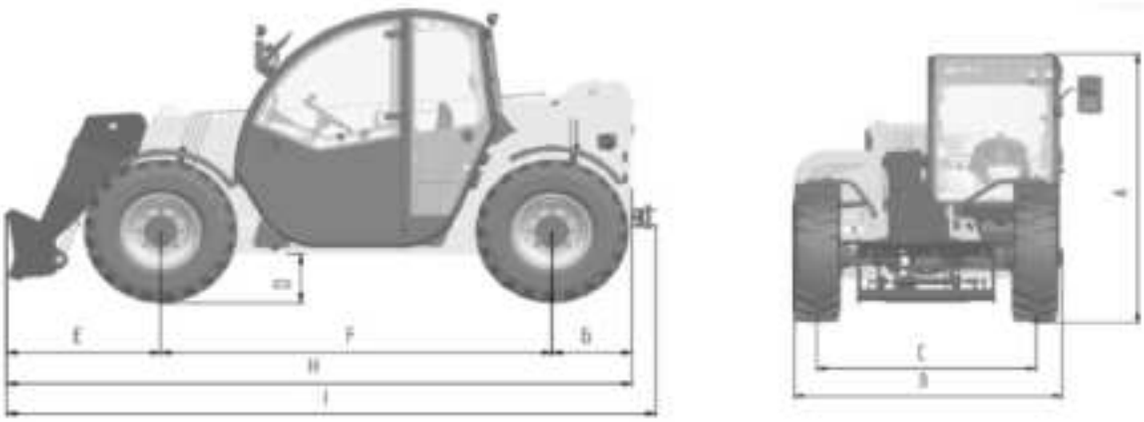
Unladen weight:

MACHINE	WITHOUT ACCESSORIES	WITH FORKS	WITH BUCKET (0.9 m^3)
Total mass [kg]	4620	4860	5070
Front axle weight [kg]	2040	2753	3386
Rear axle weight [kg]	2580	2107	1684

* the data refers to readings taken on the machines with CAMSO 12-16.5 wheels.

1.9.2 MACHINE DIMENSIONS

Dimensions without accessory:



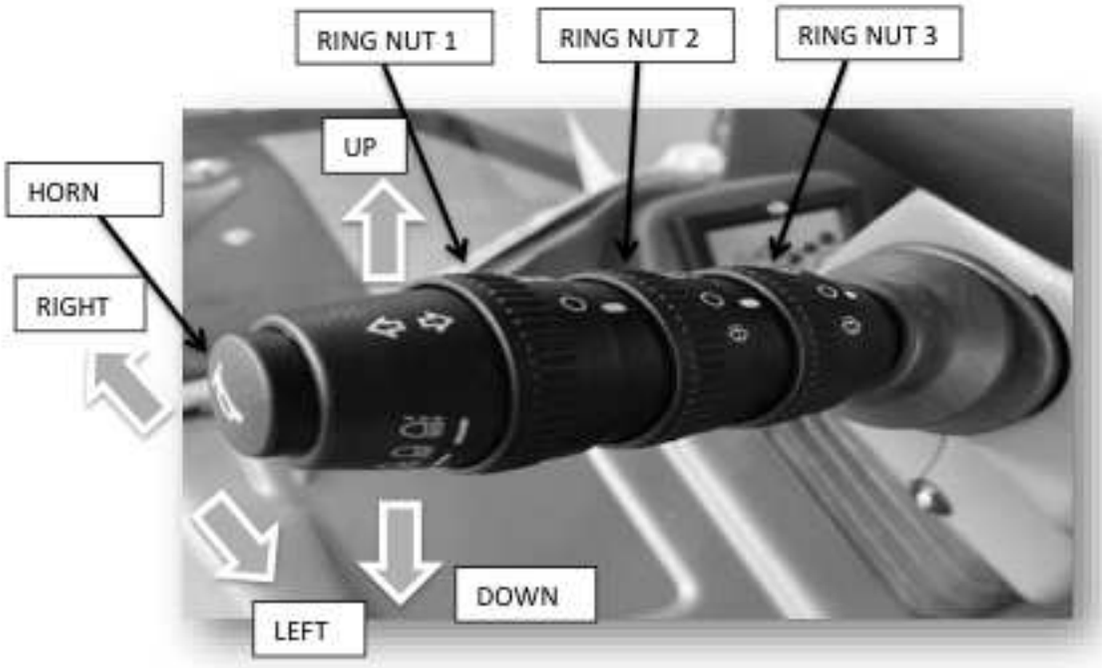
SYMBOL	DESCRIPTION	DIMENSIONS * [mm]	DIMENSION ** [mm]
A	Height	2015	1935
B	Width	1890	1890
C	Track	1550	1550
D	Ground clearance	300	220
E	Front overhang	990	990
F	Pitch	2525	2525
G	Rear overhang	520	520
H	Length without hook	4035	4035
I	Length with hook	4198	4198
L	Cab width	960	960

- ** = dimensions referring to the configuration with tires 12.5 – 18*
- *** = dimensions referring to the configuration with tires 12 – 16.5*

MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Ma... Order the manual at mid-west-tech.com >

3.1 DESCRIPTION OF THE CONTROLS

3.1.1 CONTROL LEVERS ON THE STEERING COLUMN



Work lights control (RING 1)

Rotate the lever by holding it from the knurled part until the desired symbol of the rotating part is aligned with the horizontal line of the fixed part. Three positions are possible:

- Position 1 = lights off
- Position 2 = parking lights on
- Position 3 = low beam lights on



High beam lights

To activate the high beam lights, push the lever DOWN (see image) until it is blocked in position. The command only works when the ignition is on. Push the lever UP to flash the high work lights.

Direction indicators

Activate the indicators as follows:

RIGHT - move the lever away from the driver's seat to indicate a right turn

LEFT - move the lever towards the driver's seat to indicate a left turn

To release the engaged direction indicator, push the lever in the opposite direction until it stops.

MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Ma... Order the manual at mid-west-tech.com >

5.19 CABIN AIR FILTER REPLACEMENT

To replace the cab air filter, observe the following:

- Loosen the screws to remove the closing cover located next to the wiper fluid tank in the cab.
- Lift the cover.
- Remove the filter and clean it with a jet of compressed air. Replace the filter, if necessary.
- Set the filter back in place and close the cover by tightening the screws.







MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Ma... Order the manual at mid-west-tech.com >

2.19 CHARGING THE MAIN BATTERY

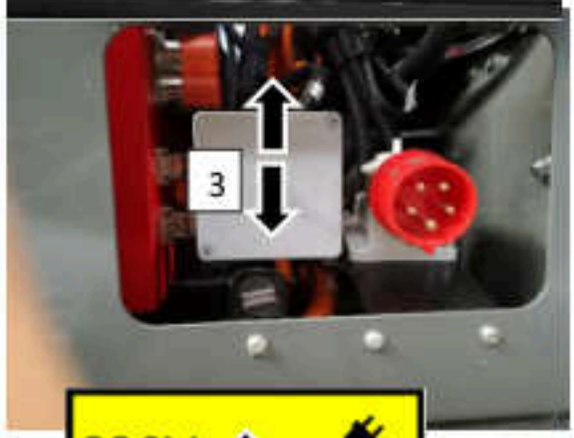
The battery pack is located in the side panel, where the charging sockets are located, accessible from a flap with magnetic closure.
There are four types of charging:

- **CHARGING ON BOARD** (standard): recharge the battery by connecting the socket (1) directly to the single-phase domestic network (from 110/115 V a.c. to 240 V a.c. - output 35A for 240V a.c., 16A for 110/115V a.c.).
  Charging time (indicative):
  Battery pack 315Ah, 0-100%: 7 h 30 min
  Battery pack 420Ah, 0-100%: 10 h 30 min
  Battery pack 560Ah, 0-100%: 14 h 50 min



- **FAST ON-BOARD CHARGING** (optional - if provided):
  To recharge the battery pack:
  1. Open the door with magnetic closure (2) located in the side hood, in the bottom right.
  2. Select the electrical network through which to recharge the battery pack:
     a. For single-phase home network (from 110/115 V a.c. to 240 V a.c. - 35A output for 240V a.c., 16A for 110/115V a.c.): push the switch upwards (3).
     Charging time (indicative):
     Battery pack 315Ah, 0-100%: 7 h 30 min
     Battery pack 420Ah, 0-100%: 10 h 30 min
     Battery pack 560Ah, 0-100%: 14 h 50 min





     b. For three-phase industrial network (from 400V a.c. 3F+N - output 110A): push the switch downwards (3).
     Charging time (indicative)
     Battery pack 315Ah, 0-100%: 3 h
     Battery pack 420Ah, 0-100%: 4 h
     Battery pack 560Ah, 0-100%: 5 h 40 min



MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Ma... Order the manual at mid-west-tech.com >

4.5 STACKING

4.5.1 HOW TO DRAW A LOAD

Approach the load perpendicularly with the boom retracted and the forks in a horizontal position. If the forks do not have the transversal movement system (optional), engage the parking brake, climb off the machine and move the forks manually making sure they are central with respect to both the load and the machine.



Attention! Risk of crushing fingers while moving the forks. Do it carefully.

Slowly drive the machine while slightly lifting the forks. Insert the forks fully until they are supporting the load. Raise the boom slightly and tilt the forks back (transportation position): the angle of the forks must be sufficient to stabilise the load preventing it from moving forward in the event of sudden braking during transportation.

4.5.2 HOW TO DRAW A LOAD FROM ABOVE

Slowly move the machine forward, lifting the forks so as to be positioned vertically under the point from where the load is to be picked up. Insert the forks fully until they are supporting the load. Raise the boom as much as is required and tilt the forks back (transportation position): the angle of the forks must be sufficient to stabilise the load preventing it from moving forward in the event of sudden braking during transportation. Move the machine backwards and lower the telescopic boom.
Lay a load on its side perform the same operations in inverse order.









Attention! When picking up a load located at the top to place it in another equally high place, it may be tempting to make the move, especially if the journey is short, without lowering the load and then moving with the boom extended and the load at the top.

MidWestTech | Snorkel SR5719E Electric Telehandler Operator's and Maintenance Ma... Order the manual at mid-west-tech.com >