Technical sheet:

## 100 SC



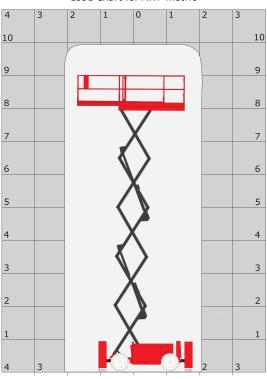


Mode   March	Capacities		Metric
Platform height   h7   7.7 m   Q   680 kg   C   C   C   C   C   C   C   C   C		h21	
Platform capacity   Puter form   Futer for			
Lift capacity - Extension deck         136 kg           Number of people (Inside) - Jourside)         4/4           Weight and dimensions         100           Platform weight*         300 kg           Platform dimensions (length x width)         1p / pe         2.79 m x 1.6 m           Platform dimensions with extension (length x width)         431 m x 1.6 m         431 m x 1.6 m           Overall height         11         3.76 m         3.76 m           Overall height (stowed)         h17         2.59 m         1.00 m           Overall height (stowed)         h18         1.9 m         1.9 m           Overall height (stowed)         h18         1.9 m         1.9 m           Overall height (stowed)         h18         1.9 m         1.0 m           Overall height (stowed)         h18         1.2 m         1.0 m           Overall height (stowed)         h18         1.2 m         2.2 m           Overall height (stowed)         h18         1.2 m         2.2 m         2.2 m         2.2 m			
Number of people (Inside / outside)         4/4           Weight and dimensions         1           Platform weights width         10 p/ ep         2.78 m.x.1.6m           Platform dimensions (length x width)         b1         1.75 m.           Overall width         b1         1.75 m.           Overall height         h17         2.59 m.           Overall height (stowed)         h18         1.92 m.           Deren Stowed         h18         2.11 m.           Prespect Active (stowerspeed)         5.6 km/h         4.6 m.           Orive speed - stowed         9         2.29 m.         5.6 km/h           Ruise operating front uphill / bock uphill         5.93 */4.2*         4.0 k.           Max		Q	•
Weight and dimensions			-
Platform weight*			4/4
Platform dimensions (length x width)         43 m x 1.6 m           Platform dimensions with extension (length x width)         b1         1.75 m           Overall width         b1         1.75 m           Overall length         l1         3.76 m           Overall height         h17         2.95 m           Overall height (stowed)         h18         1.92 m           Overall height (stowed)         i15         4.81 m           Overall length with extension         i15         4.81 m           Internal turning radius (over yres)         b13         2.11 m           External turning radius         w3         4.6 m           Ground clearance at centre of wheelbase         y         2.22 m           Wheelbase         y         2.23 m           Performances         y         2.23 m           Drive speed - raised         5.6 km/h         0.5 km/h           Max outrigger leveling front uphill / back uphill         40 %         3.5 / 4.2°           Max outrigger leveling front uphill / back uphill         40 %         3.5 / 4.2°           Max outrigger leveling into uphill / back uphill         5.5 km/h         1.17°           Permissible leveling (front y side)         2.2 / 2         2.2 / 2           Wheels         5	-		2701 kg
Platform dimensions with extension (length x width)         b1         1.75 m           Overall width         b1         1.75 m           Overall height         l11         3.76 m           Overall height         h17         2.59 m           Overall height (stowed)         h18         1.92 m           Overall height with extension         l15         4.81 m           Internal turning radius (over tyres)         b13         2.11 m           External turning radius         Wa3         4.6 m           Ground clearnea & centre of wheelbase         y         2.29 m           Performances         y         2.29 m           Preformances         y         2.29 m           Drive speed - stowed         5.6 km/h         0.5 km/h           Drive speed - stowed         5.6 km/h         0.5 km/h           Drive speed - flower speed         9         2.29 m           Gradeability         40 %         3.5 / 3.3 s           Gradeability         40 %         3.5 / 4.2 °           Max outrigger leveling front uphill / back uphill         5.5 km/h         11.7 °           Permissible leveling (front / side)         3 ° / 2 °         2 / 2 °           Wheels         5.0 km/h         3 ° / 2 °         2 / 2	-	In / on	-
Overall width         b1         1.75 m           Overall length         II         3.76 m           Overall height         h17         2.59 m           Overall height (stowed)         h18         1.92 m           Overall height (stowed)         h18         1.92 m           Overall height (stowed)         h18         1.92 m           Overall height (stowed)         h15         4.81 m           Internal turning radius (over tyres)         b13         2.11 m           External turning radius (over tyres)         b13         2.12 m           External turning radius (over tyres)         b13         2.12 m           Drive speed stowed         \$ 5.6 km/h         0.5 km/h           Raise over (*Lower speed of the speed stowed)         \$ 5.6 km/h           Gradability         \$ 6.5 f33 s         42 s           Max outrigger leveling front uphill /back uphill         \$ 5.3 */42 s           Max outrigger leveling front uphill /back uphill		ір / ер	
Overall height         h17         2.59 m           Overall height (stowed)         h18         1.92 m           Overall height with extension         I15         4.81 m           Internal turning radius (over tyres)         b13         2.11 m           External turning radius (over tyres)         b13         2.11 m           External turning radius (over tyres)         wa3         4.6 m           Ground clearance at centre of wheelbase         m2         0.24 m           Wheelbase         y         2.29 m           Performances         y         2.29 m           Prove speed - stowed         5.5 km/h         5.5 km/h           Drive speed - raised         5.5 km/h         6.5 km/h           Raise speed / Lower speed         36 s / 33 s         6.5 km/h           Raise speed / Lower speed         36 s / 33 s         6.5 km/h           Max outrigger leveling front uphall / back uphill         5.3 */ 4.2 *         1.17 *           Max outrigger leveling front uphall / back uphill         5.3 */ 4.2 *         1.17 *           Wheels         11.7 *         5.5 km/h         1.17 *           Wheels         11.7 *         5.5 km/h         2.2 *           Openmissible leveling front y-is sleep         6.66 x 0.30 * 0.66 x 0.30 * 0.66 x 0		h4	
Overall height (stowed)         h18         1.92 m           Overall height (stowed)         h18         1.92 m           Overall height (stowed)         h18         1.92 m           Overall height (stowed)         h15         4.81 m           Internal turning radius (over tyres)         b13         2.11 m           External turning radius         Wa3         4.6 m           Ground clearance at centre of wheelbase         Wa2         0.24 m           Wheelbase         y         2.29 m           Performances         y         2.29 m           Drive speed - stowed         y         2.29 m           Drive speed - raised         0.5 km/h         0.5 km/h           Raise speed / Lower speed         9         3.6 s/33 s           Gradeability         40 %         40 %           Max outrigger leveling front uphill / back uphill         5.37 + 4.2 *         40 %           Max outrigger leveling side to side         11.7 *         9           Permissible leveling (front / side)         3 * 1/2 *         9           Wheels         6         5.6 km/h         11.7 *         9         9         12.7 *         9         12.7 *         9         12.2 *         9         12.2 *         9			
Overall height (stowed)         h18         1.92 m           Overall length with extension         l15         4.81 m           Internal turning radius (over tyres)         b13         2.11 m           External turning radius         Wa3         4.6 m           Ground clearance at centre of wheelbase         m2         0.24 m           Wheelbase         y         2.29 m           Performances         —         0.5 km/h           Drive speed - stowed         0.5 km/h         0.5 km/h           Drive speed - raised         0.5 km/h         0.5 km/h           Raise speed / Lower speed         0.5 km/h         40 %           Max outrigger leveling front uphill / back uphill         40 %         40 %           Max outrigger leveling riside to side         11.7°         11.7°           Permissible levaling (front / riside)         9         6.00 mm.           Wheels         11.7°         11.7°           Permissible levaling (front / riside)         0.66 x 0.30 · 0.66 x 0.30           Drive wheels (front / rear)         0.66 x 0.30 · 0.66 x 0.30           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         2 / 2           Brakin	5		
Overall length with extension         115         4.81 m           Internal turning radius (over tyres)         b13         2.11 m           Sternal turning radius         w3         4.6 m           Ground clearance at centre of wheelbase         m2         0.24 m           Wheelbase         y         2.29 m           Performances           Drive speed - stowed         5.6 km/h           Drive speed - foised         0.5 km/h           Raise speed / Lower speed         36 s / 33 s           Grade-ability         40 %           Max outrigger leveling front uphill / back uphill         53 * / 42 °           Max outrigger leveling iside to side         11.7 °           Permissible leveling (front / side)         3 * / 2 °           Wheels         11.7 °           Permissible leveling (front / rear)         0.66 x 0.30 · 0.66 x 0.30           Wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Engline/Battery         2 / 2           Engline/Battery         2 / 2           Engline power rating         Xubota - D1105           Engline power rating         2 x 18.5 kW           Engline power	-		
Internal turning radius (over tyres)         b13         2.11 m           External turning radius         Wa3         4.6 m           Ground clearance at centre of wheelbase         m2         0.24 m           Wheelbase         y         2.29 m           Performances         Drive speed - stowed         5.6 km/h           Drive speed - stowed         0.5 km/h           Pore speed - raised         0.5 km/h           Raise speed / Lower speed         36 5 / 33 s           Gradeability         40 %           Max outrigger leveling front uphill / back uphill         5.3 * / 42 °           Max outrigger leveling side to side         5.3 * / 42 °           Permissible leveling (front / side)         11.7 °           Premissible reveling (front / side)         5.3 * / 42 °           Wheels         7         7 °           Diver speed         6.60 × 0.30 · 0.60 × 0.30	-		
External turning radius         Wa3         4.6 m           Ground clearance at centre of wheelbase         m2         0.24 m           Wheelbase         y         2.29 m           Performances         ————————————————————————————————————	-		
Ground clearance at centre of wheelbase         m2         0.24 m           Wheelbase         y         2.29 m           Performances         Septed 1988           Drive speed - stowed         5.6 km/h           Drive speed - raised         0.5 km/h           Raise speed / Lower speed         36 s / 33 s           Gradeability         40 %           Max outrigger leveling front uphill / back uphill         40 %           Max outrigger leveling side to side         11.7°           Permissible leveling (front / side)         3° / 2°           Wheels         5.6 km/h           Tyres type         Foam-filled           Dimensions of front wheels / rear wheels         66 x 0.30 · 0.66 x 0.30           Drive wheels (front / rear)         2 / 2           Seering wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Engline brand / model         8 x 10 x 1			
Wheelbase         y         2.29 m           Performances         Commender           Drive speed - stowed         5.6 km/h           Drive speed - raised         0.5 km/h           Raise speed / Lower speed         36 s / 33 s           Gradeability         40 %           Max outrigger leveling front uphill / back uphill         5.3° / 42.°           Max outrigger leveling (front / side)         3° / 2°           Permissible leveling (front / side)         3° / 2°           Wheels         Foam-filled           Directive wheels (front / rear)         66.0 0.30 - 0.66 x 0.30           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Engine [Battery         2           Electric engine power rating         Kubota - D1105           Engine norm         Kubota - D1105           Engine power rating         25 Hp           Miscellaneous         5.14 daN/cm²           Miscellaneous         5.14 daN/cm²           Ground Pressure         68.101           Hydrallic tank capacity         68.101	-		
Performances         5.6 km/h           Drive speed - stowed         5.6 km/h           Drive speed - raised         0.5 km/h           Raise speed / Lower speed         36 s / 33 s           Gradeability         40 %           Max outrigger leveling front uphill / back uphill         5.3 * / 4.2 °           Max outrigger leveling side to side         11.7 °           Permissible leveling (front / side)         3 ° / 2 °           Wheels			
Drive speed - stowed         5.6 km/h           Drive speed - raised         0.5 km/h           Raise speed / Lower speed         36 s / 33 s           Gradeability         40 %           Max outrigger leveling front uphill / back uphill         5.3° / 4.2°           Max outrigger leveling side to side         11.7°           Permissible leveling (front / side)         3° / 2°           Wheels         Foam-filled           Dirnersions of front wheels / rear wheels         0.66 x 0.30 - 0.66 x 0.30           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Braking wheels (front / rear)         2 / 2           Electric engine power rating         Kubota - D1105           Engine brand / model         Kubota - D1105           Engine power rating         25 Hp           Miscellaneous         5.14 daN/cm²           Ground Pressure         5.14 daN/cm²           Hydraulic tank capacity         68.101           Fuel tank         37,901		у	2.29 m
Drive speed - raised         0.5 km/h           Raise speed / Lower speed         36 s / 33 s           Gradeability         40 %           Max outrigger leveling front uphill / back uphill         5.3 ° / 4.2 °           Max outrigger leveling side to side         11.7 °           Permissible leveling (front / side)         3 ° / 2 °           Wheels         Foam-filled           Dimensions of front wheels / rear wheels         0.66 x 0.30 · 0.66 x			
Raise speed / Lower speed         36 s / 33 s           Gradeability         40 %           Max outrigger leveling front uphill / back uphill         5.3° / 4.2°           Max outrigger leveling side to side         11.7°           Permissible leveling (front / side)         3° / 2°           Wheels           Tyres type           Dimensions of front wheels / rear wheels         0.66 x 0.30 · 0.66 x 0.30           Drive wheels (front / rear)         2 / 2           Steering wheels (front / rear)         2 / 2           Engine/Battery         2 / 2           Electric engine power rating         Xubota - D1105           Engine brand / model         Kubota - D1105           Engine power rating         25 Hp           Miscellaneous         5.14 daN/cm²           Ground Pressure         5.14 daN/cm²           Hydraulic tank capacity         68.101           Fuel tank         37.901	·		·
Grade ability40 %Max outrigger leveling front uphill / back uphill5.3° / 4.2°Max outrigger leveling side to side11.7°Permissible leveling (front / side)3°/2°WheelsFoam-filledTyres typeFoam-filledDimensions of front wheels / rear wheels0.66 x 0.30 · 0.66 x 0.30Drive wheels (front / rear)2 / 2Steering wheels (front / rear)2 / 0Braking wheels (front / rear)2 / 2Electric engine power ratingXubta - D1105Engine brand / modelKubta - D1105Engine power ratingTier IV FinalLC. Engine power ratingTier IV FinalMiscellaneous5.14 daN/cm²Ground Pressure5.14 daN/cm²Hydraulic tank capacity68.101Fuel tank37.901	Drive speed - raised		0.5 km/h
Max outrigger leveling front uphill / back uphill  Max outrigger leveling side to side  Permissible leveling (front / side)  Wheels  Tyres type  Dimensions of front wheels / rear wheels  Dive wheels (front / rear)  Steering wheels (front / rear)  Braking wheels (front / rear)  Electric engine power rating  Engine / Brady / model  Engine power rating  I.C. Engine power rating  Ground Pressure  Hydraulic tank capacity  Fuel tank  Fuel Tank  Standard And  11.7°  11.7°  11.7°  11.7°  11.7°  11.7°  11.7°  11.7°  11.7°  11.7°  11.7°  11.7°  11.7°  11.0°	Raise speed / Lower speed		36 s / 33 s
Max outrigger leveling side to side 11.7° Permissible leveling (front / side) 3°/2°  Wheels  Tyres type Foam-filled Dimensions of front wheels / rear wheels 0.66 x 0.30 - 0.66 x 0.30 Drive wheels (front / rear) 2/2 Steering wheels (front / rear) 2/0 Braking wheels (front / rear) 2/2 Engine/Battery Electric engine power rating 2 x 18.5 kW Engine brand / model Kubota - D1105 Engine norm Tier IV Final I.C. Engine power rating 25 Hp  Miscellaneous Ground Pressure 5.14 daN/cm² Hydraulic tank capacity 68.101 Fuel tank	Gradeability		40 %
Permissible leveling (front / side)  Wheels  Tyres type Dimensions of front wheels / rear wheels Dimensions of front wheels / rear wheels Dimensions of front wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Braki	Max outrigger leveling front uphill / back uphill		5.3 ° / 4.2 °
WheelsFoam-filledTyres typeFoam-filledDimensions of front wheels / rear wheels0.66 x 0.30 - 0.66 x 0.30Drive wheels (front / rear)2 / 2Steering wheels (front / rear)2 / 0Braking wheels (front / rear)2 / 2Engine/Battery2 x 18.5 kWElectric engine power ratingKubota - D1105Engine brand / modelKubota - D1105Engine normTier IV FinalI.C. Engine power rating25 HpMiscellaneous5.14 daN/cm²Ground Pressure5.14 daN/cm²Hydraulic tank capacity68.10 IFuel tank37.90 I	Max outrigger leveling side to side		11.7 °
Tyres type Dimensions of front wheels / rear wheels Dimensions of front wheels / rear wheels Dimensions of front wheels (front / rear) Steering wheels (front / rear) Braking wheels (front / rear) Braking wheels (front / rear)  Engine/Battery Electric engine power rating Engine brand / model Engine norm I.C. Engine power rating  Wiscellaneous Ground Pressure Hydraulic tank capacity Fuel tank  Foam-filled 0.66 x 0.30 - 0.66 x 0.30  2 / 2  2 / 2  2 / 2  2 / 0  2 / 2  Engine / a / very / company  Electric engine power rating  Example / very / company  Electric engine power rating  Example / very / company  Example / very / company  Electric engine power rating  Example / very / company  Ex	Permissible leveling (front / side)		3°/2°
Dimensions of front wheels / rear wheels  Drive wheels (front / rear)  Steering wheels (front / rear)  Braking wheels (front / rear)  Engine/Battery  Electric engine power rating  Engine brand / model  Engine norm  I.C. Engine power rating  Ground Pressure  Hydraulic tank capacity  Fuel tank  0.66 x 0.30 - 0.66 x 0.30  2 / 2  2 / 2  2 / 0  2 / 0  2 / 0  2 / 2  Engine power ating  Example over rating  Example over rating  Example over rating  Stubota - D1105  Example over rating  Example	Wheels		
Drive wheels (front / rear)  Steering wheels (front / rear)  Braking wheels (front / rear)  Engine/Battery  Electric engine power rating  Engine brand / model  Engine norm  I.C. Engine power rating  Ground Pressure  Hydraulic tank capacity  Fuel tank  Engine brand / model  Stubota - D1105  Engine brand / model  Engine brand / model  Stubota - D1105  Engine norm  Engine power rating  Stubota - D1105  Engine power rating  Engine power rating  Stubota - D1105  Engine power rating  Engine power rating  Stubota - D1105  Engine power rating  Engine power rating  Stubota - D1105  Engine power rating  Engine power rating  Stubota - D1105  Engine power rating  Electric engine power rating  Engine powe	Tyres type		Foam-filled
Steering wheels (front / rear)  Braking wheels (front / rear)  Engine/Battery  Electric engine power rating  Engine brand / model  Engine norm  I.C. Engine power rating  Miscellaneous  Ground Pressure  Hydraulic tank capacity  Fuel tank  2 / 0  2 / 0  2 / 2  Engine brand / rear)  Example 1 / 2 × 18.5 kW  Kubota - D1105  Kubota - D1105  Engine norm  5 14.5 kW  Engine power rating  Kubota - D1105  Engine norm  5 14.5 kW  Engine power rating  6 8.101  Fuel tank	Dimensions of front wheels / rear wheels		0.66 x 0.30 - 0.66 x 0.30
Braking wheels (front / rear)  Engine/Battery  Electric engine power rating  Engine brand / model  Engine norm  I.C. Engine power rating  Miscellaneous  Ground Pressure  Hydraulic tank capacity  Fuel tank  2 / 2  Engine power rating  Engine	Drive wheels (front / rear)		2/2
Engine/BatteryElectric engine power rating2 x 18.5 kWEngine brand / modelKubota - D1105Engine normTier IV FinalI.C. Engine power rating25 HpMiscellaneous5.14 daN/cm²Hydraulic tank capacity68.10 IFuel tank37.90 I	Steering wheels (front / rear)		2/0
Electric engine power rating Engine brand / model Engine brand / model Engine norm I.C. Engine power rating Miscellaneous Ground Pressure Hydraulic tank capacity Fuel tank  2 x 18.5 kW Kubota - D1105 Kubota - D1105 Engine power rating Tier IV Final 25 Hp  5.14 daN/cm² 68.10 I Fuel tank	Braking wheels (front / rear)		2/2
Engine brand / model  Engine norm  I.C. Engine power rating  Miscellaneous  Ground Pressure  Hydraulic tank capacity  Fuel tank  Kubota - D1105  Kubota - D1105  Engine power ating  Tier IV Final  25 Hp   5.14 daN/cm²  68.10 I  Fuel tank	Engine/Battery		
Engine norm  1.C. Engine power rating  Miscellaneous  Ground Pressure  Hydraulic tank capacity  Fuel tank  Tier IV Final  25 Hp  5.14 daN/cm²  68.10 I  37.90 I	Electric engine power rating		2 x 18.5 kW
I.C. Engine power rating25 HpMiscellaneousCount PressureGround Pressure5.14 daN/cm²Hydraulic tank capacity68.10 IFuel tank37.90 I	Engine brand / model		Kubota - D1105
Miscellaneous5.14 daN/cm²Ground Pressure5.14 daN/cm²Hydraulic tank capacity68.10 lFuel tank37.90 l	Engine norm		Tier IV Final
Miscellaneous5.14 daN/cm²Ground Pressure5.14 daN/cm²Hydraulic tank capacity68.10 lFuel tank37.90 l	I.C. Engine power rating		25 Hp
Hydraulic tank capacity  68.10 I  Fuel tank  37.90 I			
Hydraulic tank capacity  Fuel tank  68.10 I  37.90 I	Ground Pressure		5.14 daN/cm²
Fuel tank 37.90 I	Hydraulic tank capacity		
			37.90 l
30 drid pressure lever (ground workstation)	Sound pressure level (ground workstation)		85 dB(A)
Sound pressure level (platform work station) 79 dB(A)			
Vibration on hands/arms <2.5 m/s			
Standards compliance			
European directives: 2006/42/EC- Machin			European directives: 2006/42/EC- Machinery (revised EN280:2013) - 2004/108/EC (EMC) - 2006/95/EC (Low voltage)

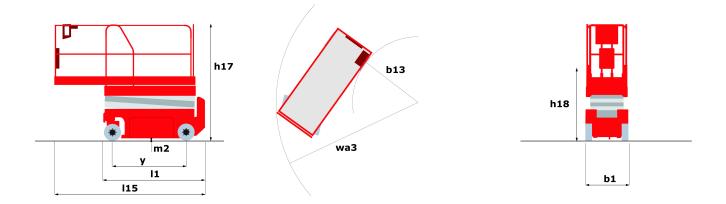
 $<sup>\</sup>star \text{Varies}$  according to options and standards of the country to which the machine is delivered  $\star \star \text{With folded guardrail}$ 

### Load chart

Load Chart for AWP Metric



### **Dimensional drawing**



#### **Equipment**

Standard
230V Predisposition
4 wheel drive
Anti-slip platform surface
Audible alarm and illuminated indicator lamp (leveling, overload, lowering)
CAN bus technology
Emergency stop button in platform and on frame
Engine mounted on sliding platform
Fixed anti-shearing protection
Fold away guard rails with full height swing gate
Horn in the platform
Hour meter Section 1. The section 1.
Integrated diagnostic assistance
Lowering alarm
Oscillating front axle
Platform access gate
Proportional controls
Removable control unit
Stabilizers with automatic leveling
Travel possible at maximum height

# Optional 2 flashing lights on frame Air predisposition Beep upon travel Biodegradable oil Flashing Light Non-marking tyres Safety harness Working headlight in platform





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