# Sit-on Tow Tractor

ТСМ

# TTS30-60-Q1

TCM Lite Range, streamlined for greater efficiencies and a more sustainable world, without compromising design and engineering excellence.

Easy to use, simple to maintain. NO FUSS, NO WASTE. **TCM TTS30-60-Q1** with **robust**, **heavy-duty hood**, quick release tow pins and a **low maintenance** AC drive motor with IP65 AC controller, is built for high performance and durability with minimal service interruption.

The high capacity, high power **Li-ION battery** is long-lasting reducing downtime, with swift **'plug and go' charging.** The battery heating system allows operation in colder environments. Front, rear and turn LED lights increase operator visibility and illuminate the truck to other workers. Adjustable steering wheel, seat belt and operator-presence seat sensor ensures the operator is **safely in control** before the truck can be operated.





## **STANDARD SPECIFICATIONS PRELIMINARY**

CHARA	ACTERISTICS			
1.1	Manufacturer			тсм
1.2	Manufacturer's model designation			TTS30-Q1
1.3	Power source	- /		Battery
1.4	Operator type	1	10	Seated
1.5	Load capacity	Q	kg	3000
1.7	Rated drawbar pull	F	(N)	750 / 75
1.9	Wheelbase	у	(mm)	1055
WEIGH	т			
2.1b	Truck weight without load, with maximum battery weight		kg	780
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	310
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	470
WHEEL	S, DRIVE TRAIN			
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Solid - rubber
3.2	Tyre dimensions, drive side		(mm)	15 x 4.5 - 8
3.3	Tyre dimensions, load side		(mm)	15 x 4.5 - 8
3.5	Number of wheels, load / drive side (x = driven)			1/2x
3.7	Track width (center of tyres), load side	b11	(mm)	860
DIMEN	SIONS			
4.8	Seat - or stand height	h7	(mm)	910
4.12	Tow coupling height	h10	(mm)	280 / 350
4.19	Overall length	11	(mm)	1720
4.21	Overall width	b1	(mm)	968
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	(mm)	90
4.35	Turning radius	Wa	(mm)	1490
PERFO	RMANCE			
5.1	Travel speed, with / without load		km / h	6.5 / 10
5.7	Gradeability, with / without load		%	8 / 10
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Mechanical / hydraulic
ELECT	RIC MOTORS			
6.1	Drive motor capacity (60 min. short duty)		kW	3
6.4	Battery voltage/capacity at 5-hour discharge		V / Ah	36 / 250
6.5	Battery weight		kg	115
MISCE	LLANEOUS			
8.1	Type of drive control			Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871, in work LpAZ		dB (A)	68
10.7.2	Whole-body vibration (EN 13 059:2002)			Refer to instruction manual
10.7.3	Hand-arm vibration (EN 13 059:2002)			Refer to instruction manual

OPTIONS					
Partially enclosed cabin - for shelter from light rain					
Electric power steering - for reduced operator fatigue and greater control					
Electromagnetic braking system - for smooth, steady decceleration					
PIN CODE password protection - for additional security					
Seat with paper bag - for waste					
Seat side with A4 paper lip - to fix paper when moving					
Blue floor light - provides extra safety for pedestrians and other passing trucks					
Amber strobe light - for extra pedestrian and passing truck safety					
Rear mirrors - additional view in reverse drive direction					
Audible reverse alarm - for extra pedestrian and passing truck safety					
Seat belt usage alarm - to prompt correct use					
Semi closed sunshade cabin - for outside use					
Non-marking tyres - to protect indoor floors					





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## **STANDARD SPECIFICATIONS PRELIMINARY**

CHAR/	ACTERISTICS		-	
1.1	Manufacturer		1	тсм
1.2	Manufacturer's model designation			TTS60-Q1
1.3	Power source			Battery
1.4	Operator type	1		Seated
1.5	Load capacity	Q	kg	6000
1.7	Rated drawbar pull	F	(N)	1500 / 150
1.9	Wheelbase	у	(mm)	1280
WEIGH	IT			
2.1b	Truck weight without load, with maximum battery weight		kg	1280
2.2	Axle loadings with nominal load & maximum battery weight, drive / load side		kg	830
2.3	Axle loadings without load & with maximum battery weight, drive / load side		kg	450
WHEE	LS, DRIVE TRAIN			
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			Solid - rubber
3.2	Tyre dimensions, drive side		(mm)	15 x 4.5 - 8
3.3	Tyre dimensions, load side		(mm)	4.00 - 8
3.5	Number of wheels, load / drive side (x = driven)			1/2x
3.7	Track width (center of tyres), load side	b11	(mm)	946
DIMEN	ISIONS			
4.8	Seat - or stand height	h7	(mm)	910
4.12	Tow coupling height	h10	(mm)	280 / 350
4.19	Overall length	11	(mm)	1940
4.21	Overall width	b1	(mm)	1100
4.32	Ground clearance at center of wheelbase, (forks lowered)	m2	(mm)	100
4.35	Turning radius	Wa	(mm)	1650
PERFO	DRMANCE			
5.1	Travel speed, with / without load		km / h	7 / 14
5.7	Gradeability, with / without load		%	6 / 15
5.10	Service brakes (mechanical / hydraulic / electric / pneumatic)			Mechanical / hydraulic
ELECT	RIC MOTORS			
6.1	Drive motor capacity (60 min. short duty)		kW	5
6.4	Battery voltage/capacity at 5-hour discharge		V / Ah	48 / 350
6.5	Battery weight		kg	220
MISCE	LLANEOUS			
8.1	Type of drive control			Stepless
10.7	Level of noise at the ear level of the driver according to EN 12 053:2001 and EN ISO 4871, in work LpAZ		dB (A)	68
10.7.2	Whole-body vibration (EN 13 059:2002)			
10.7.3	Hand-arm vibration (EN 13 059:2002)			

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