



**425**

Electric tow tractor

Very strong and fast 4-wheel tractor  
Suitable for towing loads to 30,000 kg  
(66,139 lb)

Full suspension and powerful brakes  
Excellent traction by favourable weight  
distribution

Two versions: 425K and 425M



**SPIJKSTAAL = ELECTRIC MOBILITY**



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# 425

## Electric tow tractor

This heavy electric tow tractor is the top model in the Spijkstaal tow tractor portfolio. A towing capacity of 25-30 tonnes and a top speed to 28 km/h (17 mph) make this model to an unique tractor. The long wheel base and comfortable suspension provide very good and safe driving characteristics; also when the road surface is not optimal. The very spacious cabin with two sliding doors, offers everything that the driver can wish. Unique is that the sliding doors move within the chassis which limits the chance on crash damage. All plate work in the crash zone is very robust and can be changed easily when needed. The brakes guarantee a safe brake distance in critical situations too. The 425 is available with two different battery capacities and is used primarily for outdoor use.

### Technical specifications

#### Drive / Battery

Asynchrone AC motor	16	kW		
Battery voltage	80	V		
Battery capacity	450 / 540	Ah		425k / 425m
Transmission	1:18,6 / 1:30,2			

#### Performance

Max. speed	18 / 28	km/h	11 / 17	mph	dependent on ratio
Pull capacity	25,000 / 30,000	kg	55,116 / 66,139	lb	dependent on ratio
Max. drawbar pull	11,031 / 17,792	N	2,432 / 3,923	lb	dependent on ratio

#### Weights

Kerb weight (incl. batt.)	2,950 / 3,150	kg	6,504 / 6,945	lb	425k / 425m
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#### Dimensions

Length	3,110 / 3,275	mm	122 / 129	inch	425k / 425m
Width	1,320	mm	52	inch	
Height	1,960	mm	77	inch	
Track width front	1,095	mm	43	inch	
Track width rear	1,140	mm	45	inch	
Wheelbase	2,190 / 2,355	mm	86 / 93	inch	425k / 425m
Ground clearance, centre of wheelbase	170	mm	7	inch	
Turning diameter	8,000 / 8,600	mm	315 / 339	inch	425k / 425m

#### Tyres / Suspension / Steering

Tyre size, front	185/75 R14C / 23x5.00		air / solid
Tyre size, rear	185/75 R14C / 23x5.00		air / solid
Suspension front	leaf springs with shock absorbers		
Suspension rear	helical springs with shock absorbers		
Steering	hydraulic powersteering		

#### Brakes

Service brake	hydraulic disc brakes	front
	hydraulic drumbrakes	rear
	hydraulic powered	
	double circuit	
Parking brake	mechanic on differential	

#### Options e.g.

Revolving light	Cabin heater
Rear view mirrors on rack	Trailer coupling with remote control
CSE tyres	Seat choice
Electrical defroster	