



A STRONG BRAND THE MEYRA GROUP

The TA power wheelchairs enable functionally impaired, elderly and severely disabled people to cope with daily living again at a high level and to lead a life in motion. Each wheelchair in our range is characterised by its sophisticated functions and diverse adjustment options. Their compact design means that our power wheelchairs are versatile for both indoor and outdoor use.

The TA product portfolio comprises power wheelchairs (Indoor Wave, iQ FWD Stand Up

and IQ Series). The product range includes a variety of high-quality models with fully electric functions, meaning that the ideal power wheelchair is always available for personal and individual needs.

Meet the TA IQ Series

TA's leading power wheelchair platform is the IQ Series. This high quality product line consists of a front-wheel, rear-wheel and mid-wheel drive on one platform. This modularity gives both the user and medical supplies retailers easy-to-maintain, easy-to-use and easy-to-understand products.

The benefits of modularity mean faster service, less training for professionals, less warehousing for businesses and easier adaptation to the changing needs of the users. When you know one product, you know them all, which leads to lower risks and costs for all involved.

Enhanced ride comfort due to superior suspension and traction

With the unique suspension system of the IQ Series, the TA wheelchairs offer the user an extremely comfortable ride.

As all six arms move during the ride, bumps, holes, kerbs and gutters are easily cushioned and overcome. This gives users of the IQ Series first-class drive with very good traction in everyday situations at all times. In conjunction with powerful motors, large battery capacity and proven quality electronics, this makes for an exceptionally good TA IQ Series drive system.





POWER WHEELCHAIRS

TA is a Danish company and part of the MEYRA Group. Since launching in 1988, TA has focused on developing and producing high-grade power wheelchairs. High-quality craftsmanship and the Scandinavian mindset mean that the products are extremely functional, resulting in unsurpassed drive options. TA distinguishes itself on the market through reliable partnership, short communication channels, and fast assembly and adaptation of the products. Our team of more than 25 staff is at your service to ensure that the TA customer experience is excellent in every way.

Advantages of the TA power wheelchairs at a glance:



Very low seat height

For passing under low objects and furniture, the low seat height of mostly 380 mm, or in the case of the TA iQ FWD Stand-Up from 440 mm up, is an advantage. The low centre of gravity makes for high stability in handling.



Full suspension drive base

Full-suspension power base with individual spring concept for high shock reduction.



Easy adjustment of seat depths and widths

The seat system of the TA iQ products or the TA Indoor Wave is simple, but extremely effective. Adjustment of seat width, seat depth, back angle and armrests: all in a matter of minutes! This means a huge time saving for professionals and users when setting the optimal sitting position. Another advantage is that the user's ideal sitting position can be tested directly in a TA power wheelchair and no further costs are incurred for other seating systems. With a wide range of options for the seating system, there is always a solution for the most diverse of requirements. The iQ Junior seating system can be mounted on all TA products (except the TA iQ FWD Stand-Up). Only one tool is needed for the infinitely variable adjustment, for example of the seat depth of 250 – 550 mm on the TA iQ FWD Stand-Up, TA iQ RWD, TA iQ MWD, TA iQ FWD and TA Indoor Wave.



Biomechanics

For the backrest and legrest



Dahl docking system

Installed as standard and can also be retrofitted to all older TA power wheelchairs (except TA iQ FWD Stand-Up). The Dahl docking station (adapter plate) enables the user to drive a car independently or to position the wheelchair securely on the passenger side.



Selectable speed

The TA power wheelchairs are available in various speeds:
TA iQ FWD: 6* / 10 / 12.5 km/h
TA iQ RWD: 6* / 10 / 12.5 km/h
TA iQ MWD: 6* / 10 / 12.5 km/h
TA iQ FWD Stand-Up: 6* / 10 / 12.5 km/h



Seat lift

A lift is installed as standard in all models



Ground clearance

70 mm for all TA power wheelchairs



The iQ Junior seating system can be assembled on all other TA power wheelchairs (with the exception of the TA iQ FWD Stand-Up).

* Only available in Germany, other countries on request.



TA Indoor Wave 1.516

USER PROFILE

- ✓ Ideal around the house, in the office, at the shopping centre, in the car, as driver or passenger
- ✓ For independent mobility for permanent and all-day use
- ✓ Especially for users with severe functional disorders, such as acquired or congenital tetraplegia, traumatic brain injury, advanced stage muscle diseases (e.g. muscular dystrophy), advanced stage MS sufferers, cerebral palsy, spina bifida

COMPACT POWER WHEELCHAIR WITH MINIMAL TURNING RADIUS

The successful and easily adjustable seating system, which is also used in the iQ series, makes the Indoor Wave unique in its class. With its extremely small and front-wheel drive base, the Indoor Wave is comparable with any other product in the indoor power wheelchair segment. In addition, the Indoor Wave is always fitted with an electric lift and tilt function, together with the R-Net electronics rounding off the high-end character of this wheelchair.

- Minimal turning radius, partly due to narrow 560 mm width and compact chassis
- Obstacle climbing ability of up to 65 mm
- Powerful motors: 450 W motors with R-Net and 120 A electronics
- Low tare weight of 102 kg; permissible user weight of 125 kg
- Rear oscillating axle and front independent suspension



Minimal
turning radius
450 mm



45° tilt with biomechanical backrest and footrest (optional)



Biomechanical backrest

Highest lift of 320 mm, can be used as stand-up aid

Biomechanical legrest

Choice of front or rear-wheel drive



Low seat
height of 400
mm



Seat lift
320 mm



Ground clear-
ance 70 mm

UNIQUE
ON THE
MARKET



TA iQ FWD 1.513

USER PROFILE

Especially for users with more severe functional disorders, for example:

- ✓ Acquired or congenital tetraplegia
- ✓ Traumatic brain injury
- ✓ Advanced stage muscular disorders (e.g. muscular dystrophy)
- ✓ Advanced stage MS
- ✓ Cerebral palsy
- ✓ Spina bifida

POWER WHEELCHAIR WITH FRONT-WHEEL DRIVE, IDEALLY SUITED BOTH INDOORS AND OUT

With its individualised suspension concept, the full-suspension chassis avoids unpleasant and painful jolts and provides stability even on uneven terrain.

- Ideal in the home or on uneven terrain, in the car as driver or passenger
- Without anti-tippers even at high speeds up to 12.5 km/h
- Gyro module as standard
- Low seat frame height from 380 mm up
- 300 mm seat lift, can be used as stand-up aid
- Obstacle climbing ability of up to 100 mm



300 mm seat lift



Electrical seat angle adjustment



Biomechanical backrest

R-Net electronics

Adjustment of seat depth from 350 - 550 mm
Junior version with seat depth 250 - 300 or 350 mm

Electrical seat adjustment forwards 110 mm

Spring-loaded single-wheel suspension for optimal traction

Biomechanical footrest with electrical length adjustment



User weight
up to
140 kg



Seat lift
300 mm



Very low
seat height
380 mm



TA iQ FWD Stand-Up 1.520

USER PROFILE

Especially for users with more severe functional disorders, for example:

- ✓ Acquired or congenital tetraplegia
- ✓ Traumatic brain injury
- ✓ Advanced stage muscular disorders (e.g. muscular dystrophy)
- ✓ Advanced stage MS
- ✓ Cerebral palsy
- ✓ Spina bifida

EYE TO EYE WITH THE FRONT-WHEEL DRIVE STAND-UP POWER WHEELCHAIR WITH MEMORY FUNCTION

- Numerous seat variations and pressure distribution options available
- Safe and comfortable even on rough ground due to spring-loaded single-wheel suspension
- Ideal in the living environment
- Electric anti-tippers
- Low seat frame height from 440 mm up
- Stand-up driving
- Four personalised memory functions and individual standing combinations
- Obstacle climbing ability of up to 100 mm
- 3 different speeds (6*/10 /12.5 km/h)

+
SPRING-LOADED
SINGLE WHEEL
SUSPENSION
FOR OPTIMAL
TRACTION



Lie-down function



Memory function



Seat tilt 45°
with seat lift



Biomechanical backrest

R-Net electronics

Infinitely variable adjustment of seat depth
from 380 - 550 mm

Biomechanical legrest

Spring-loaded single-wheel suspension for
optimal traction



Sit-to-stand
user weight
140 kg



Seat lift
300 mm



Ground clear-
ance 70 mm



* Only available in Germany,
other countries on request.

TA iQ MWD 1.518

USER PROFILE

Especially for users with more severe functional disorders, for example:

- ✓ Acquired or congenital tetraplegia
- ✓ Traumatic brain injury
- ✓ Advanced stage muscular disorders (e.g. muscular dystrophy)
- ✓ Advanced stage MS
- ✓ Cerebral palsy
- ✓ Spina bifida

THE SPORTY POWER WHEELCHAIR WITH MID-WHEEL DRIVE AND MINIMAL TURN- ING RADIUS

- Ideal in the home, on uneven terrain, or for hockey and ball sports, and in the car as driver or passenger
- Spring-loaded single-wheel suspension
- Full-suspension chassis (thanks to individualised suspension concept) avoids unpleasant and painful jolts and provides stability even on uneven terrain
- Infinitely variable adjustment of seat depth from 250 - 600 mm
- Selection of 3 different speeds 6*/10/12.5 km/h
- Obstacle climbing ability up to 80 mm

+
**SPRING-LOADED
SINGLE WHEEL
SUSPENSION
FOR OPTIMAL
TRACTION**



300 mm seat lift



Electrical seat angle
adjustment 45°



Biomechanical backrest

Seat depth 250, 300, 350 mm
infinitely variable adjustment from 350 to 600 mm

Electrical seat adjustment forwards 150 mm

Spring-loaded single-wheel suspension for optimal
traction and shock reduction

Biomechanical footrest
with electrical length compensation



User weight
up to
140 kg



Minimal turn-
ing radius of
450 mm



Very low
seat height
380 mm



* Only available in Germany,
other countries on request.

TA iQ RWD 1.512

USER PROFILE

Especially for users with more severe functional disorders, for example:

- ✓ Acquired or congenital tetraplegia
- ✓ Traumatic brain injury
- ✓ Advanced stage muscular disorders (e.g. muscular dystrophy)
- ✓ Advanced stage MS
- ✓ Cerebral palsy
- ✓ Spina bifida

THE POWER WHEELCHAIR WITH REAR-WHEEL DRIVE

- Ideal in the home or on uneven terrain, in the car as driver or passenger
- Without anti-tippers even at high speeds 12.5 km/h
- Spring-loaded single-wheel suspension
- Low seat frame height from 380 mm up
- Selection of 3 different speeds (6*/10/12.5 km/h)
- Obstacle climbing ability up to 80 mm



300 mm seat lift



Electrical seat angle adjustment 45°



Biomechanical backrest

Seat depth 250, 300, 350 mm
infinitely variable adjustment from 350 to 600 mm

Electrical seat adjustment forwards 110 mm

Biomechanical footrest
with electrical length adjustment

Full suspension base



Very low
seat height
380 mm



Infinitely variable
adjustment of
seat depth from
350 - 550 mm



* Only available in Germany, other countries on request.



TA wheelchairs MOBILITY FOR ALL, BOTH BIG AND SMALL

The power wheelchairs TA Indoor Wave, TA iQ FWD, TA iQ MWD and TA iQ RWD are also available for smaller users.

PRODUCT BENEFITS



iCHAIR MEYLIFE 1.650

- Biomechanical back and armrest lowering mechanism, electric tilt, electric lift
- Independent suspension
- Electrical front-wheel locking mechanism (under development)
- Low seat height
- High-quality fitting with minimal effort



iCHAIR SKY 1.620

- Quick individual adjustment
- Large electrical adjustment ranges, large stand-up angle
- Biomechanical seat
- Precise manoeuvring, very agile
- Mid-wheel drive
- Memory function: saves movement patterns and positions
- Transfer aid with footboard lowerable to floor



iCHAIR Netti DYNAMIC S 1.623

- Completely dynamic
- Push bar with R-Net control system for operation by an attendant
- Low seat height
- 300 mm lift
- 30° tilt
- Compatible with modular system
- High-quality, established components



iCHAIR MC1 LIGHT 1.610

- With up to two electrical adjustments
- Easy maintenance
- Durable and bright LED lighting



iCHAIR ORBIT 1.618

- Intuitive use
- Mid-wheel drive
- Independence in getting out of the wheelchair
- Programmable motion sequences
- Optimum adaptability
- High complexity requirements



iCHAIR MC2 RS 1.615

- ESP
- Speeds of up to 13.5 km/h
- Upgradable
- Control of various electrical adjustments
- Rear-wheel drive with rear-wheel suspension



iCHAIR MC2 1.611

- Upgradable
- Control of various electrical adjustments
- 160 kg user weight and rear-wheel suspension
- Reliable rear-wheel drive



iCHAIR MC3 1.612

- High complexity requirements
- Shock-absorbing all-wheel suspension with adjustable spring rate
- Control of all electrical adjustments
- 160 kg user weight standard



iCHAIR MC FRONT 1.613

- Powerful front drive
- Central legrest with 90° knee angle, mechanical or electrical
- Excellent off-road capability and stability
- Small total width



iCHAIR MC S 1.616

- Minimal seating dimensions
- Compact chassis
- 200 mm seat elevation
- Control of all electrical adjustments
- Combination with external seating systems



iCHAIR XXL 1.614

- User weight up to 200/250 kg
- Seat width up to 770 mm
- Electric legrests, back adjustment and seat tilt
- 350 Watt motors



OPTIMUS 2 2.322

- 950 W motor
- High speeds of up to 15 km/h
- For long distances
- Independent suspension and high climbing ability
- Excellent handling on rough ground
- Puncture-proof wide tyres with studded tread



CLOU 9.500

- Compact dimensions
- Folding
- Indoors
- Individual customisation by means of interactively programmable drive characteristics
- Proven VR2 electronics



iTRAVEL 1.054

- Multifunctional seat unit
- Biometric back with simultaneously sliding armrests and legrests
- Automatic stability programme
- Compact dimensions
- Folding



CL 515 1.274

- Powerful and smooth motor
- Range up to 40 km
- 700 Watt continuous output
- Very generous legroom
- Configurable suspension system for excellent handling
- Colour display



CL 510 1.264

- Powerful and smooth motor
- Range up to 35 km
- 400 Watt continuous output
- Spring-loaded comfort seat with height and angle-adjustable backrest, rotatable by 360°



CL 409 1.254

- Reliable and durable motor
- Energy-saving LED lighting
- Comfortable spring-loaded sitting position
- Generous legroom and infinitely variable seat adjustment
- Modern design



MICRO MOBILITY SCOOTER 1.064 / 1.064UP

- Powerful 200 Watt motors
- Indoors
- Space-saving dismantling into three parts
- Easy handling
- Mid-wheel drive
- Lift feature (1.064UP)

SPECIFICATIONS

Dimensional tolerances ± 10 mm, $\pm 2^\circ$, data subject to design changes

	iTRAVEL 1.054	CL 515 1.274	CL 510 1.264	CL 409 1.254	MICRO MOBILI- TY SCOOTER 1.064	MICRO MOBILI- TY SCOOTER 1.064UP
Length in mm	970	1.650	1.200	1.200	760	760
Width in mm	560	680	610	610	580	580
Height in mm	870	1.110	1.260	1.260	860	860
Height, folded, in mm	300					
Seat height in mm	500	470 – 520	420 – 480 ³⁾	420 – 480 ³⁾	370 – 450 ³⁾	450 – 550 ³⁾ see diagram on Page 37
Armrest height in mm	250					
Seat depth in mm	380	460	410	410	400	400
Back height in mm	480		450	450	400	400
Seat width in mm	450	460	450 – 670 ^{3) 7)}	450 – 670 ³⁾	470 – 570 ³⁾	470 – 570 ³⁾
Transport height in mm (with folded steering column and without seat)		750	600	600	470	470
Number of wheels	4	4	4	4	5	5
Wheel diameter castor wheel in mm	200	315	260	260	110	110
Wheel diameter drive wheel in mm	229	[4.00-8] Ø 315	260	260	220	220
Ground clearance in mm	70	110	100	100	50	50
Max. obstacle climbing ability in mm	40	60	60	60	15	15
Turning circle (radius) in mm	970	1.950	1.500	1.500	500	500
Continuous motor power in W	2 x 200	700	400	210	2 x 200	2 x 200
Peak motor power in W	2 x 800	3.000	1.600	850	2 x 800	2 x 800
Batteries in Ah	10.4 ¹⁾	80	2x 12V 50	2x 12V 35	20.8 ¹⁾ / 14 (5 h) ²⁾	20.8 ¹⁾ / 14 (5 h) ²⁾
Charger in A	2	8	6	4	2	2
Electronics in A	50	120	120	70	50	50
Range, max. (under test conditions) in km	10 ¹⁾	40	35	30	17 ¹⁾ / 10 ²⁾	17 ¹⁾ / 10 ²⁾
Permitted uphill / downhill gradient in degrees	3° (6 %)	9° (16 %)	9° (16 %)	9° (16 %)	3° (6 %)	3° (6 %)
Empty weight in kg	22 ⁶⁾ / 23 ⁵⁾	100 ⁶⁾ / 150 ⁵⁾	93 ⁵⁾	91.5 ⁵⁾	42 ¹⁾ ⁵⁾ / 47 ²⁾ ⁵⁾	47 ¹⁾ ⁵⁾ / 52 ²⁾ ⁵⁾
Permissible user weight in kg	120	205	165	136	120	120
Permissible total weight in kg	150	355	260	230	170	170
Speed, max., in km/h	6	6 / 15	6 / 10	6	6	6
Lift height in mm						100

¹⁾ only with lithium batteries

²⁾ only with lead batteries

³⁾ adjustable

⁴⁾ between armrests

⁵⁾ with batteries

⁶⁾ without batteries

⁷⁾ 450-700 for CL510+

SPECIFICATIONS

Dimensional tolerances ± 10 mm, ± 2°, data subject to design changes

	iCHAIR MC1 LIGHT 1.610	iCHAIR MC2 1.611	iCHAIR MC2 RS 1.615	iCHAIR MC3 1.612	iCHAIR MC FRONT 1.613	iCHAIR XXL 1.614
Seat width in mm	380 – 600	380 – 650 ⁷⁾	380 – 650 ⁷⁾	380 – 650 ¹⁰⁾	380 – 650	530 – 770 ³⁾
Width in mm	600 – 750 ²⁴⁾	590/630 ⁸⁾ 24)	635 ²⁴⁾	630 ⁴⁾ 24)	630 ²⁴⁾	680 – 920 ²⁴⁾
Seat depth in mm	400 – 530	400 – 560 / 400 – 560 / 500 / 480 – 530 ⁷⁾	400 – 560 / 480 – 530 ⁷⁾	400 – 560 / 400 – 560 / 500 / 480 – 530 ¹⁰⁾	400 – 560 / 400 – 560 / 480 – 530 ¹²⁾	430 – 600 ³⁾
Lower leg length in mm	280 – 430	280 – 430 ⁷⁾	350 – 500 / 350 – 500 ⁷⁾	280 – 430 / 350 – 500 / 350 – 500 / 350 – 500 ¹⁰⁾	280 – 430 / 330 – 450 ¹³⁾	370 – 510 ³⁾
Seat height front (without seat cushion) in mm	440 / 480 / 510 ¹⁾	440 – 530 ⁷⁾	530 – 600 / 580 – 650 ⁷⁾	460 – 520 / 530 – 590 / 580 – 640 / 610 – 670 ¹⁰⁾	440 – 510 ¹³⁾	460 – 560 / 530 – 630
Total height in mm	930 – 1,130 ⁴⁾	930 – 1,130 ⁸⁾	1,010 – 1,130 ⁸⁾	970 – 1,140 ⁴⁾	960 – 1,080 ⁹⁾	1,020 – 1,150 ³⁾
Back height in mm	500	450 – 500 / 530 – 570 / 640 / 640 ⁷⁾	530 – 570 / 640 ⁷⁾	450 – 500 / 530 – 570 / 640 / 640 ¹⁰⁾	450 – 500 / 530 – 570 / 640 ¹²⁾	530 – 570 ³⁾
Armrest height in mm	240 – 350	240 – 350 ⁷⁾	180 – 290 / 180 – 290 ⁷⁾	240 – 350 / 180 – 290 / 140 – 250 / 180 – 290 ¹⁰⁾	240 – 350 ¹³⁾	170 – 280 ³⁾
Length with / without footrest in mm	1,080 / 840	1,130 / 830	1,130 / 830	1,170 / 870	1,065 – 1,130 / 910	1,150 / 850
Transport length in mm	840	830	830	870	910	850
Transport width min. in mm	630	580	635	630	630	670
Transport height min. in mm	560 – 660	570	590 – 660	590	610	860
Wheel size, front, in mm	230 x 70 (9")	260 x 70 (10") 230 x 70 (9")	260 x 70 (10")	260 x 70 (10")	352 x 75 (14")	260 x 70 (10")
Wheel size, rear, in mm	356 x 75 (14")	356 x 75 (14") 320 x 60 (12.5")	380 x 75 (15")	356 x 75 (14")	230 x 70 (9")	356 x 75 (14")
Max. obstacle height in mm	60	60 ⁵⁾	60 ⁵⁾	60	60	60
Turning radius in mm	840	840	840	900	650	950
Ground clearance (battery tray) in mm	80	80				
User weight in kg	130	160	160	160	160	200 / 250
Empty weight in kg	94	100 ²⁾	100 ²⁾	108 ²⁾	108 ²⁾	130 ²⁾
Permissible total weight in kg	280	320	320	320	280	340
Max. additional load in kg	10	10	10	10	10	10
Speed in km/h	6 / 10	6 / 10	6 / 13	6 / 10	6 / 10	6 / 10
Motor power in W	2 x 180 / 2 x 300	2 x 220 / 2 x 300	2 x 300 / 2 x 350	2 x 220 / 2 x 300	2 x 220 / 2 x 300	2 x 300 / 2 x 350
Range max. in km	30 ¹⁷⁾	25 – 30 ¹⁷⁾ 35 – 40 ¹⁹⁾	35 – 40 ¹⁹⁾	25 – 30 ¹¹⁾ 18) 35 – 40 ¹¹⁾ 19)	28 ¹⁸⁾ 40 ¹⁹⁾	35 ¹¹⁾ 30 – 35 ¹⁹⁾
Permitted uphill / downhill gradient	8.5° (15 %)	8.5° (15 %)	8.5° (15 %)	8.5° (15 %)	6° (11 %)	8.5° (15 %)
Seat tilt, electric, in degrees	-4° to 24° ⁶⁾	-2° to 26° / 0° to 50° ⁶⁾	-2° to 26° / 0° to 50° ⁶⁾	-2° to 33°	4° to 26° / 0° to 50°	0° to 18° ⁶⁾
Back angle, electric, in degrees	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°
Seat tilt, mechanical, in degrees	0° to 10°	0° to 10°	0° to 10°	0° to 10°	4° to 10°	0° to 10°
Back angle, mechanical, in degrees	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°
Standing angle max. up to in degrees						
Seat lift, electric, in mm		300	300	300	300	300
Steering type	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect
Stand-up aid with electric tilt, lift 200 mm						
Dahl docking station		✓		✓		
ISO crash tested	✓	✓	✓	✓	✓	✓
Drive	Rear	Rear	Rear	Rear	Front	Rear

¹⁾ measured with seat tilt 4° (without seat cushion)

²⁾ without armrests and legrests

³⁾ seating systems belt / ErgoSeat/ seat angle 4°

⁴⁾ seating systems belt / ErgoSeat

⁵⁾ 120 mm incl. step climber

⁶⁾ adjustment range dep. on SH and castor wheel size max. +/- 3° deviation

⁷⁾ seating systems belt / ErgoSeat/ ERGOSTAR / RECARO seat angle 4°

⁸⁾ seating system ErgoSeat

⁹⁾ with adjustable back

¹⁰⁾ seating systems seat pan / ErgoSeat / ERGOSTAR / RECARO

¹¹⁾ under test conditions 6 / 10 km/h with battery 80 Ah (20h)

¹²⁾ to seat pan without cushion

¹³⁾ seating systems: Standard / ErgoSeat / Recaro

¹⁴⁾ adjustable by 220 mm via pelvic pelottes

iCHAIR MC S 1.616	iCHAIR ORBIT 1.618	iCHAIR SKY 1.620	iCHAIR Netti DYNAMIC S 1.623	iCHAIR MEYLIFE 1.650*	OPTIMUS 2 2.322	CLOU 9.500
300 – 440	380 – 650	400 – 530	300 – 400	380 – 530	380 – 560	380 – 550 / 430 – 550
590 ²⁴⁾	600 / 600 / 630 / 680 with 12" ²⁴⁾ 640 / 640 / 640 / 680 with 14" ²⁴⁾	640 ²⁴⁾	600	600 – 820	680	min. 590 / max. 600/700
300 – 400	400 – 560 / 400 – 560 / 480 – 530 ¹³⁾	400 – 525	250 – 350	400 – 550	500 / 420 – 530 / 480 – 530 ¹⁰⁾	430
210 – 350 ¹⁾	280 – 450 ¹²⁾	250 – 435 ²⁹⁾	180 - 310	340 – 480	380 – 520 / 410 – 550 / 420 – 560 ¹⁰⁾	360 – 500
420 – 470 ¹⁾	430, 465, 500 / 440, 475, 510 ³⁰⁾	450 / 485 / 520 ²⁹⁾	460 – 560	400 – 500 ¹²⁾	610 / 580 / 650	510
890 – 925 ⁹⁾	980 – 1,060 ⁹⁾ ²⁸⁾	1,080 – 1,150 ²⁸⁾	950 – 1,100	930 – 1,200	1,170 / 1,050 / 1,130 ¹⁰⁾	910
390 / 440 ⁹⁾	450 – 500 / 530 – 580 / 630 ¹³⁾	540 ³⁰⁾	400 – 500	500 – 600	640 / 550 / 640 ¹⁰⁾	400 (without seat cushion)
180 – 250 ¹⁾	240 – 350 ¹²⁾	200 – 350 ²⁹⁾	180 – 260	220 – 380	190 – 250 / 220 – 280 / 230 – 290 ¹⁰⁾	190 – 300
970 / 790	1,180 / 1,250, 1,060 – 1,150 ³²⁾ / 930	1,095	1,060 – 1,810 / 860 – 1,420	1,120 – 1,220 / 860 – 910	1,160 / 1,030	1,100 / 810
790	930	905	860	860	1,340 / 1,160 / 1,260 ¹⁰⁾	810
580	600 – 680 ²⁾	640	600	600	680	600
610	630	1,080 – 1,150	640 – 960	590	720 / 760 / 800 ¹⁰⁾	910
190 x 50 (8") 225 x 70 (9")	200 x 50 (8")	170 x 35 (7") 200 x 50 (8")	200 x 50 (8")	225 x 70 (9") 260 x 70 (10")	360 x 120	200 x 50 (8")
320 x 60 (12.5")	325 x 58 (12.5")	356 x 75 (14")	320 x 60 (12.5")	320 x 60 (12.5") 356 x 75 (14")	320 x 100	320 x 60 (12.5")
60	60	60	60	70	110	60
840	800 / 700 ³²⁾	640 ²⁶⁾	650	940	1,200	1,000
	70	70	70	70		
75	120 / 160 ³³⁾	140	75	120 / 160	150 / 150 / 120	120
89 ²⁾	120 – 165	173	110 – 160	133 – 195	150 ²⁾	73
200	270 / 330	340	235		330 / 330 / 300	210
10	10	10	10	10	10	10
6 / 10	6 / 10	6 / 10	6	6 / 10	6 / 10 / 15	6
2 x 180 / 2 x 300	2 x 180 / 2 x 350	2 x 350	2 x 180	220 / 300 / 350	950	2 x 180
28 ¹⁸⁾ 40 ¹⁹⁾	25 – 30 ¹⁷⁾ 35 – 40 ¹⁹⁾	35 ²⁰⁾ 40 ²¹⁾	30 ¹⁷⁾ 40 ¹⁹⁾	35 / 30 ¹⁹⁾	50 – 70 ²²⁾	30
8.5° (15 %)	8.5° (15 %)	8.5° (15 %)	6° (11 %)	8.5° / 15 %	10° (18 %)	6.5° (12 %)
0° to 22° / 0° to 30° ²³⁾	0° to 30° / 0° to 50°	40°	0° to 30°	0° to 30°/ 0° to 50°	7° - 22° / 5° - 20° / 20° - 35° ¹⁰⁾	
-5° to 35°	-10° to 50°	90° to 180° ³¹⁾		-10° to 50°, 0° to 60°, 0° to 80°	-10° to 50°	
0° to 10°	1°, 4°, 7°, 10°				7° - 15° / 5° - 13° / 20° - 28°	
-10° to 30°	-10° to 30°		90° to 125°		0° to 30°	
		90°				
200	300	200	300	300		
Indirect	Indirect	Indirect	Indirect	Indirect	Direct	Indirect
	0° to 45°					
	✓			✓		
✓	✓	✓	✓	✓	✓	✓
Rear	Mid-wheel	Mid-wheel	Mid-wheel	Rear	Front	Rear

¹⁵⁾ in conj. with seat tilt up to 1,010 mm possible

¹⁶⁾ 40 mm with additional support castors

¹⁷⁾ with 43 Ah (5h), 50 Ah (20h) battery

¹⁸⁾ with 38 Ah (5h), 45 Ah (20h) battery

¹⁹⁾ with 66 Ah (5h), 80 Ah (20h) battery

²⁰⁾ with 52 Ah (5h), 60 Ah (20h) battery

²²⁾ with 107 Ah (20h) battery

²³⁾ in conj. with seat lift

²⁴⁾ ready to move

²⁵⁾ without footrests

²⁶⁾ with footrests

²⁸⁾ without headrest

²⁹⁾ to seat pan without seat cushion:

Height of seat cushion 60 mm

³⁰⁾ measured with 0° seat angle

³¹⁾ From 100 kg user weight up, adjustment of standing angle necessary

³²⁾ Single/central legrests

³³⁾ with 350 W motors

* Specifications for "biomechanical version"

PRODUCT BENEFITS



TA Indoor Wave 1.516

- Small multifunctional wheelchair
- Minimal turning radius
- Very low seat height from 400 mm up



TA iQ FWD 1.513

- Full suspension drive base
- High speed of up to 12.5 km/h
- Very low seat height from 380 mm up



TA iQ FWD Stand-Up 1.520

- Full suspension drive base
- Low seat height from 440 mm up
- Individualised standing combinations



TA iQ MWD 1.518

- Mid-wheel drive
- Full suspension drive base
- Very low seat height from 380 mm up



TA iQ RWD 1.512

- Rear-wheel drive
- Stable ride performance
- High speed of up to 12.5 km/h
- Very low seat height from 380 mm up
- Full suspension drive base

SPECIFICATIONS

Dimensional tolerances ± 10 mm, $\pm 2^\circ$, data subject to design changes

	TA Indoor Wave 1.516	TA iQ FWD 1.513	TA iQ FWD Stand-Up 1.520	TA iQ MWD 1.518	TA iQ RWD 1.512
ISO	7176-21:2009 / 10542-5 ¹⁾ / 7176-19:2008 ¹⁾	7176-21:2009 / 10542-5 ¹⁾ / 7176-19:2008 ¹⁾	7176-21:2009 / 10542-5 ¹⁾ / 7176-19:2008 ¹⁾ / 7176-14 ¹⁾	7176-21:2009 / 10542-5 ¹⁾ / 7176-19:2008 ¹⁾	7176-21:2009 / 10542-5 ¹⁾ / 7176-19:2008 ¹⁾
EN			12184:2014 ¹⁾		
Wheelchair model	Class A	Class B	Class B	Class B	Class B
Speed in km/h	6	6 / 10 / 12.5	6 / 10	6 / 10 / 12.5	6 / 10 / 12.5
Gyroscope		Standard	Standard		
Range in km	10 – 15	30 – 40	30 – 40	30 – 40	30 – 40
Max. user weight in kg	125	140	140, 100 with lie-down function	140	140
Electric seat lift in mm	320	300	300	300	300
Turning radius in mm	450	650	650	450	630
Batteries in Ah	2 x 38	2 x 80	2 x 80	2 x 80	2 x 80
Motor in Watt	2 x 450	2 x 350	2 x 350	2 x 350	2 x 350
Electronics	R-Net	R-Net	R-Net	R-Net	R-Net
Length without legrest in mm	695	820	880	900	780
Chassis width in mm	560	630	630	630	630
Seat height in mm	400	380	440	380	380
Seat width in mm	25 / 30 / 35 / 38 / 40 / 45 / 50 / 55	25 / 30 / 35 / 38 / 40 / 45 / 50 / 55	38 / 40 / 45 / 50 / 55	25 / 30 / 35 / 38 / 40 / 45 / 50 / 55	25 / 30 / 35 / 38 / 40 / 45 / 50 / 55
Seat depth in mm	Infinitely variable adjustment from 250 - 600	Infinitely variable adjustment from 250 - 600	440 – 550 with standard mount	Infinitely variable adjustment from 250 - 600	Infinitely variable adjustment from 250 - 600
Obstacle height in mm	65	100	100	80	80
Ground clearance in mm	70	70	70	80	70
Fixing lugs	Optional	Standard	Standard	Standard	Standard
Electrical seat angle adjustment in °	45 ¹⁾	45 ¹⁾	45 ¹⁾	45 ¹⁾	45 ¹⁾
Electrical back angle adjustment	Several options ¹⁾	Several options ¹⁾	Standard	Several options ¹⁾	Several options ¹⁾
Electric legrest	Several options ¹⁾	Several options ¹⁾	Standard	Several options ¹⁾	Several options ¹⁾
Electrical seat adjustment forwards in mm		110 ¹⁾		110 ¹⁾	110 ¹⁾
Memory function			personalised ¹⁾		
Combi-function			Lying-Standing ¹⁾ / Sitting-Standing ¹⁾		
Dahl docking station	✓	✓		✓	✓
ISO crash tested	✓	✓	✓	✓	✓
Drive	Rear and front	Front	Front	Mid-wheel	Rear

¹⁾ optional



MEYRA GmbH Meyra-Ring 2 | D-32689 Kalletal-Kalldorf, Germany
info@meyra.de | Tel.: +49 5733 922-0 | Fax: +49 5733 922-9311 | www.meyra.com

2022-08 We reserve the right to make technical modifications to our products
and assume no liability for printing errors or variation in colour in our printed matter.
Ident-Nr. 261 504 501

Picture credits: Page 10 © "whyframeshot" – stock.adobe.com; Pages 10, 11 © "contrastwerkstatt" – stock.adobe.com;
Page 12 © "Gorodenkoff" – stock.adobe.com