



OSTRICH MOBILITY INSTRUMENTS

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HIGHLIGHTS

- 1, 98% of parts and components used are either manufactured by us or from reputed companies in India who follows National/International standards to manufacture the product
- 2, Filed two patents for the technology developed for electric wheelchairs
- 3, All the equipments are designed to last long in Indian conditions.
- 4, First company to invent Split Frame Technology for electric wheelchairs
- 5, First to design "Multi Suspension System" in electric wheelchairs
- 6, First to develop Automatic Wheelbase Adjuster for electric wheelchairs
- 7, First to launch a sports electric wheelchair in India
- 8, First to indigenize 98% of parts for electric wheelchairs



GALAXY AWA

Galaxy incorporates two advanced technologies, the SFC (Split Frame Chassis) and the AWA (Automated Wheel base Adjuster). These unique technologies make Galaxy the best personal mobility equipment in very tight indoor conditions and the toughest outdoor terrains. Safety, comfort, style and technology all combined to make your mobility the best ever.

Features

Split Frame Chassis (SFC) and Automated Wheelbase Adjuster (AWA) (100mm) | Call alarm | fault alarm | reverse alarm (on request) | Low voltage alarm | Key pad locking | Mobility cut-off while charging | Auto shut-off after 3 minutes | Five speed selector | Length adjustable joystick control unit (can be changed from left to right and vice versa) | Foldable, height adjustable and angle adjustable foot rest | Wide arm rest with height and width adjustment | Bucket seat with headrest and lap belt | Seat can be folded for transportation | Seat reclines 25 degrees in 6 steps | seat sliding | seat angle adjustment | Removable and width adjustable calf support | Reflectors as per standards | head lamp, tail lamp, indicators & hazard warning | One year replacement warranty against manufacturing defects.

Technical specifications

Load capacity: 110 Kg | Speed: 9.5 Kmph max | Speed selection: 5 speeds | *Speed 1- 1.5Kmph Speed 2-2.5 Kmph speed 3- 4.8Kmph Speed 4- 7.2Kmph Speed 5- 9.5 Kmph*

Motor

Power: 320W | Motor speed: 5300 rpm | Gear ratio: 32:1 | Brake: Electromagnetic | Permissible Gradeability: 12 Degrees | Drive range*: 32-35 Km | Ground clearance:3 inches | Wheel base adjustment: 100mm | Turn circle radius: 550mm-650mm

Tire

(Puncture free foam filled rubber tires)

Front- Tire diameter: 220 X55 mm | *Rear*- Tire diameter: 320X75mm | *Anti tippers*-25mm diameter solid

Battery: 24 Volt 48 Ah Sealed Maintenance Free VRLA

Charger: Input-230/240 Volts AC Single phase, Output-24 Volts-4 Amps DC

Dimensions

Overall length with footrest (at 90 degree): 990mm-1090mm adjustable | Overall width: 640mm | Overall height: 1240mm | Overall height after folding the seat: 730mm | Overall weight: 103 Kg

Seat

Seat depth: 500mm | Seat width: 480mm | Backrest height: 530mm (without head rest) | Backrest width: 440mm | Seat base height from ground: 590mm-650mm | Seat sliding: 180mm

Armrest

Width: 75mm | Height adjustment: 100mm | Width adjustment: 50mm

Foot rest-single foot rest

Length: 215mm | Width: 205mm | Length adjustment: 150mm | Angle adjustment: Up to 160 degrees



Pristine FLEX

Pristine is the most stylish powered wheelchair with revolutionary Split Frame Chassis (SFC). This indoor outdoor mobility equipment gives great comfort, stability and safety even in the toughest outdoor conditions. The body panels and the shopping basket make this equipment best suited for your kind of lifestyle.

Features

Split Frame Chassis (SFC) | Call alarm | Fault alarm | Reverse alarm (on request) | Low voltage alarm | Key pad locking | Mobility cut-off while charging | Auto shut-off after 3 minutes | Five speed selector | Length adjustable joystick control unit (can be changed from left to right and vice versa) | Foldable, height adjustable and angle adjustable foot rest | Wide arm rest with height and width adjustment | Bucket seat with headrest and lap belt | Seat can be folded for transportation | Seat reclines 25 degrees in 6 steps | Removable and width adjustable calf support | Reflectors as per standards | Head lamp, tail lamp, indicators, hazard warning | Body panels and shopping basket | One year replaceable warranty against manufacturing defects

Technical specifications

Load capacity: 110 Kg | Speed: 9.5 Km/h max | Speed selection: 5 speeds | *Speed 1- 1.5Km/h* *Speed 2-2.5 Km/h* *speed 3- 4.8Km/h* *Speed 4- 7.2Km/h* *Speed 5- 9.5 Km/h*

Motor

Power: 320W | Motor speed: 5300 rpm | Gear ratio: 32:1 | Brake: Electromagnetic | Permissible Gradeability: 12 Degrees | Drive range*: 32-35 Km | Ground clearance: 2.5 inches | Turn circle radius: 620mm

Tire

(Puncture free foam filled rubber tires)

Front- Tire diameter: 220 X 55 mm | *Rear*- Tire diameter: 320 X 72 mm | *Anti tippers*- 1 inch solid

Battery: 24 Volt 48 Ah Sealed Maintenance Free VRLA

Charger: Input-230/240 Volts AC Single phase, Output-24 Volts-4 Amps DC

Dimensions

Overall length with footrest and tipper wheel (at 90 degree): 1180mm | Overall width: 640mm | Overall height: 1250mm | Overall height after folding the seat: 690mm | Overall weight: 102Kg

Seat

Seat depth: 500mm | Seat width: 480mm | Backrest height: 540mm (without head rest) | Backrest width: 440mm | Seat base height from ground: 570mm

Arm rest

Width: 75mm | Height adjustment: 100mm | Width adjustment: 50mm

Foot rest-single foot rest

Length: 215mm | Width: 205mm | Length adjustment: 150mm | Angle adjustment: Up to 160 degrees



TETRA EXI

This sleek and smart new generation powered wheelchair with revolutionary Split Frame Chassis (SFC) from Ostrich Mobility makes your personal mobility looks easier and elegant. This indoor/outdoor mobility equipment provides excellent maneuverability, great comfort and stability. The body panels give unmatched looks and style for your mobility. The seat can be removed with minimum effort that eases the portability.

Features

Split Frame Chassis (SFC) | Urine bag holder | Manual seat height adjustment up to 3 inches | Call alarm | Fault alarm | Reverse alarm (on request) | Low voltage alarm | Key pad locking | Mobility cut-off while charging | Auto shut-off after 3 minutes | Five speed selector | Length adjustable joystick control unit (can be changed from left to right and vice versa) | Foldable, height adjustable and angle adjustable foot rest | Wide arm rest with height and width adjustment | Bucket seat with three point belt | Seat can be folded for transportation | Seat reclines 30 degrees in 6 steps | Removable and width adjustable calf support | Reflectors as per standards | Body panels | One year replaceable warranty against manufacturing defects

Technical specifications

Load capacity: 110 Kg | Speed: 9.5 Kmph max | Speed selection: 5 speeds | *Speed 1- 1.5Kmph* | *Speed 2-2.5 Kmph* | *speed 3-4.8Kmph* | *Speed 4- 7.2Kmph* | *Speed 5- 9.5Kmph*

Motor

Power: 320W | Motor speed: 5300 rpm | Gear ratio: 32:1 | Brake: Electromagnetic | Permissible Gradeability: 12 Degrees | Drive range*: 32-35 Km | Ground clearance: 3.5 inches | Turn circle radius: 580mm

Tire

(Puncture free foam filled rubber tires)

Front- Tire diameter: 220 X55 mm | *Rear*- Tire diameter: 320X72mm | *Anti tippers*- 1 inch solid

Battery: 24 Volt 48 Ah Sealed Maintenance Free VRLA

Charger: Input-230/240 Volts AC Single phase, Output-24 Volts-4 Amps DC

Dimensions

Overall length with footrest and tipper wheel (at 90 degree): 1050mm | Overall width: 600mm | Overall height: 950mm | Overall height after folding the seat: 630mm | Overall weight: 99 Kg

Seat

Seat depth: 480mm | Seat width: 460mm | Backrest height: 560mm | Backrest width: 460mm | Seat base height from ground: 595mm | Manual seat height adjustment up to 75mm | Frame height when seat removed: 400mm

Arm rest

Width: 75mm | Height adjustment: 100mm | Width adjustment: 50mm

Foot rest-Single type

Length: 215mm | Width: 205mm | Length adjustment: 150mm | Angle adjustment: Up to 160 degrees



TETRA EX

Small is beautiful and is same with this new generation powered wheelchair with revolutionary Split Frame Chassis (SFC) from Ostrich Mobility. This mobility equipment provides excellent maneuverability in both indoor and outdoor conditions. The removable seat design helps portability.

Features

Split Frame Chassis (SFC) | Urine bag holder | Manual seat height adjustment up to 3 inches | Call alarm | Fault alarm | Reverse alarm (on request) | Low voltage alarm | Key pad locking | Mobility cut-off while charging | Auto shut-off after 3 minutes | Five speed selector | Length adjustable joystick control unit (can be changed from left to right and vice versa) | Foldable, height adjustable and angle adjustable foot rest | Wide arm rest with height and width adjustment | Bucket seat with three point belt | Seat can be folded for transportation | Seat reclines 30 degrees in 6 steps | Removable and width adjustable calf support | Reflectors as per standards | One year replaceable warranty against manufacturing defects

Technical specifications

Load capacity: 110 Kg | Speed: 8.0 Kmph max | Speed selection: 5 speeds | *Speed 1- 1.2 Kmph* *Speed 2-2.0 Kmph* *speed 3- 4.0 Kmph* *Speed 4- 6.0 Kmph* *Speed 5- 8.0 Kmph*

Motor

Power: 320W | Motor speed: 5300 rpm | Gear ratio: 32:1 | Brake: Electromagnetic | Permissible Gradeability: 12 Degrees | Drive range*: 12-15 Km | Ground clearance: 3.0 inches | Turn circle radius: 570mm

Tire

(Puncture free foam filled rubber tires)

Front- Tire diameter: 200 X50 mm | *Rear*- Tire diameter: 250X72mm | *Anti tippers*- 1 inch solid

Battery: 24 Volt 24Ah Sealed Maintenance Free VRLA

Charger: Input-230/240 Volts AC Single phase, Output-24 Volts-4 Amps DC

Dimensions

Overall length with footrest and tipper wheel (at 90 degree): 1000mm | Overall width: 590mm | Overall height: 950mm | Overall height after folding the seat: 630mm | Overall weight: 78 Kg

Seat

Seat depth: 480mm | Seat width: 460mm | Backrest height: 560mm | Backrest width: 460mm | Seat base height from ground: 520mm | Manual seat height adjustment up to 75mm | Frame height when seat removed: 350mm

Arm rest

Width: 75mm | Height adjustment: 100mm | Width adjustment: 50mm

Foot rest-Single type

Length: 215mm | Width: 205mm | Length adjustment: 150mm | Angle adjustment: Up to 160 degrees



TETRA T15

Tetra T15 is the most cost-effective and attractive powered wheelchair with with revolutionary Split Frame Chassis (SFC). This mobility equipment provides most economic indoor and all-terrain mobility. Portability is improved by the removable seat design.

Features

Split Frame Chassis (SFC) | Urine bag holder | Manual seat height adjustment up to 4 inches | Call alarm | Fault alarm | Reverse alarm (on request) | Low voltage alarm | Key pad locking | Mobility cut-off while charging | Auto shut-off after 3 minutes | Five speed selector | Length adjustable joystick control unit (can be changed from left to right and vice versa) | Foldable, height adjustable and angle adjustable foot rest | Wide arm rest with height and width adjustment | Basic seat | Removable seat back rest | Removable and width adjustable calf support | Reflectors as per standards | One year replaceable warranty against manufacturing defects

Technical specifications

Load capacity: 110 Kg | Speed: 8.0 Kmph max | Speed selection: 5 speeds | *Speed 1- 1.2 Kmph* | *Speed 2-2.0 Kmph* | *Speed 3- 4.0Kmph* | *Speed 4- 6.0Kmph* | *Speed 5- 8.0Kmph*

Motor

Power: 270W | Motor speed: 4700 rpm | Gear ratio: 25:1 | Brake: Electromagnetic | Permissible Gradeability: 12 Degrees | Drive range*: 12-15 Km | Ground clearance: 3.0 inches | Turn circle radius: 560mm

Tire

(Puncture free foam filled rubber tires)

Front- Tire diameter: 200 X50 mm | *Rear*- Tire diameter: 250X72mm | *Anti tippers*- 1 inch solid

Battery: 24 Volt 24 Ah Sealed Maintenance Free VRLA

Charger: Input-230/240 Volts AC Single phase, Output-24 Volts-4 Amps DC

Overall Dimensions

Overall length with footrest and tipper wheel (at 90 degree): 1000mm | Overall width: 590mm | Overall height: 950mm | Overall height after folding the seat: 580mm | Overall weight: 72 Kg

Seat

Seat depth: 420mm | Seat width: 410mm | Backrest height: 420mm | Backrest width: 410mm | Seat base height from ground: 520mm | Manual seat height adjustment up to 75mm | Frame height when seat removed: 350mm

Arm rest

Width: 75mm | Height adjustment: 150mm | Width adjustment: 50mm

Foot rest-single type

Length: 215mm | Width: 205mm | Length adjustment: 150mm | Angle adjustment: Up to 160 degrees



VERVE FX

Verve FX is a folding powered wheelchair designed for indoor and level surface mobility. This powered wheelchair is the best choice for basic mobility and portability. Fold it and the Verve FX fits in to the smallest car's trunk. The all new design makes this wheelchair more rugged and long lasting.

Features

Call alarm | Fault alarm | Reverse alarm (on request) | Low voltage alarm | Key pad locking | Mobility cut-off while charging | Auto shut-off after 3 minutes | Five speed selector | Length adjustable joystick control unit (can be changed from left to right and vice versa) | Foldable, height adjustable and angle adjustable foot rest | Wide arm rest with height adjustment | Basic seat | Removable seat back rest | Removable calf support | One year replacement warranty against manufacturing defects

Technical specifications

Load capacity: 100 Kg | Speed: 7 Kmph max | Speed selection: 5 speeds | *Speed 1- 1 Kmph Speed 2-1.75 Kmph Speed 3- 3.5 Kmph Speed 4- 5.25 Kmph Speed 5- 7.0 Kmph*

Motor

Power: 270W | Motor speed: 4700 rpm | Gear ratio: 25:1 | Brake: Electromagnetic | Permissible Gradeability: 12 Degrees | Drive range*: 12-15 Km | Ground clearance: 3.0 inches | Turn circle radius: 580mm

Tire

(Puncture free foam filled rubber tires)

Front-Tire diameter: 200 X50 mm | *Rear*-Tire diameter: 220X55mm | *Anti tippers*- 1 inch solid

Battery: 24 Volt 24 Ah Sealed Maintenance Free VRLA

Charger: Input-230/240 Volts AC Single phase, Output-24 Volts-4 Amps DC

Overall Dimensions

Overall length with footrest and tipper wheel (at 90 degree): 1040mm | Overall width: 550mm | Overall height: 950mm | Overall height after folding the seat: 680mm | Overall weight: 44 Kg (fully assembled) and 22 Kg (while folding)

Seat

Seat depth: 420mm | Seat width: 410mm | Backrest height: 420mm | Backrest width: 410mm | Seat base height from ground: 560mm

Arm rest

Width: 75mm | Height adjustment: 100mm | Width adjustment: 50mm

Foot rest –Split type

Length: 210mm | Width: 150mm | Length adjustment: 150mm | Angle adjustment: Up to 150 degrees



VERVE RX

Verve RX is a rigid frame powered wheelchair that facilitates basic mobility. This model is recommended for indoors as well as outdoors mostly on the level surface. With the ruggedly welded base frame Verve RX gives value for the money. The removable seat design helps portability.

Features

Urine bag holder | Call alarm | Fault alarm | Reverse alarm (on request) | Low voltage alarm | Key pad locking | Mobility cut-off while charging | Auto shut-off after 3 minutes | Five speed selector | Length adjustable joystick control unit (can be changed from left to right and vice versa) | Foldable, height adjustable and angle adjustable foot rest | Wide arm rest with height adjustment | Basic seat | Removable seat back rest | Removable and width adjustable calf support | One year replaceable warranty against manufacturing defects

Technical specifications

Load capacity: 110 Kg | Speed: 8.0 Km/h max | Speed selection: 5 speeds | *Speed 1- 1.2 Km/h* | *Speed 2-2.0 Km/h* | *Speed 3- 4.0 Km/h* | *Speed 4- 6.0 Km/h* | *Speed 5- 8.0 Km/h*

Motor

Power: 270W | Motor speed: 4700 rpm | Gear ratio: 25:1 | Brake: Electromagnetic | Permissible Gradeability: 12 Degrees | Drive range*: 12-15 Km | Ground clearance: 3.0 inches | Turn circle radius: 570mm

Tire

(Puncture free foam filled rubber tires)

Front- Tire diameter: 200 X 50 mm | *Rear*- Tire diameter: 250 X 72mm | *Anti tippers*- 1 inch solid

Battery: 24 Volt 24 Ah Sealed Maintenance Free VRLA

Charger: Input-230/240 Volts AC Single phase, Output-24 Volts-4 Amps DC

Overall Dimensions

Overall length with footrest and tipper wheel (at 90 degree): 1050mm | Overall width: 590mm | Overall height: 960mm | Overall height after folding the seat: 610mm | Overall weight: 70 Kg

Seat

Seat depth: 480mm | Seat width: 460mm | Backrest height: 560mm | Backrest width: 460mm | Seat base height from ground: 520mm | Manual seat height adjustment up to 75mm | Frame height when seat removed: 350mm

Arm rest

Width: 75mm | Height adjustment: 100mm | Width adjustment: 50mm

Foot rest-Single type

Length: 215mm | Width: 205mm | Length adjustment: 150mm | Angle adjustment: Up to 150 degrees

Comparison Chart

Model	Galaxy AWA	Pristine FLEX	Tetra EX i	Tetra EX	Tetra T15	Verve FX	Verve RX
Load capacity	110 Kg	110 Kg	110 Kg	110 Kg	110 Kg	100Kg	110 Kg
Speed*	9.5 Kmph	9.5 Kmph	9.5 Kmph	8.0 Kmph	8.0 Kmph	7.0 Kmph	8.0 Kmph
Drive range**	35 Km /charge	35 Km /charge	35 Km /charge	15 Km/Charge	15 Km/Charge	15 Km/Charge	15 Km/Charge
Permissible Gradeability	12 Deg	12 Deg	12Deg	12 Deg	12 Deg	12 Deg	12 Deg
Motor	320Watts	320Watts	320Watts	320Watts	270 Watts	270 Watts	270 Watts
Battery	48 Ah	48 Ah	48 Ah	24 Ah	24 Ah	24 Ah	24 Ah
Tyre	F9" / R 12"	F9" / R 12"	F9" / R 12"	F8" / R 10"	F8" / R 10"	F8" / R 9"	F8" / R 10"

Ostrich Mobility Instruments

Ostrich Mobility is a technology company that is dedicated to design, develop and manufacture personal mobility equipments (PME). Company entered the field of powered wheelchairs back in 2003 when the first prototypes for indoor use were developed and in 2004 company launched powered wheelchairs Verve 40 and Verve 100. Two models of all- terrain powered wheelchairs, Pristine and Galaxy were launched in 2007 with State-of-the –art technology. The ultimate happiness these equipments provide is a result of continuous research and development by experts and the use of the finest parts and components form trusted vendors.

Under the global brand Ostrich, company now offers different models of powered wheelchairs where its unique ideas and engineering solutions are combined.

New technology for powered wheelchairs

Ostrich mobility developed many technologies for electric wheelchairs and also filed patents for the same. Some of the revolutionary technologies are

a. Split frame chassis (SFC)-a technology that changed the way in which wheelchairs are being used. *Conventional wheelchairs have a single frame chassis on to which all the four wheels, motors, seat and batteries are fixed. For this type of conventional wheelchairs the wheels lifts up when there is a ground level difference and can cause uncomfortable ride that can even lead to accidents. Ostrich's Split Frame Chassis technology (SFS) for wheelchairs solved this problem completely. With SFC all the four wheels will always be in contact with the ground even if there is a ground level difference thus assuring good drive control and maneuverability. SFC on wheelchairs also reduces side drag and ensures very fine drive control while negotiating up and down gradient. SFC technology also helps drive across inclines thereby making the wheelchair safer and more maneuverable.*

b. Automated wheelbase adjuster (AWA)
With the help of this technology the wheelchair can be made small enough to negotiate the tight indoor conditions and long enough to handle the toughest outdoor terrain. This is by adjusting the wheel base of the wheelchair automatically using joystick.

Due to continuous improvement there may be difference between the equipments in the brochure and the original equipment. Please contact the nearest dealer to get the latest information.

*Drive range mentioned is with 70Kg load on standard test conditions. The drive range may vary depending on the load and the driving conditions.

Ostrich mobility also provides customized solutions for your powered wheelchair. With our expertise you can tailor make your wheelchair to suit your personnel requirements. Please contact your nearest dealer to find out the additional cost involved and time required for customization

Experience the big benefit of 10 Years **extended** warranty scheme

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