



**BENSEL**  **CARS**

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## **Nieuwe voertuigen**

Goederen- & personenvervoer, voor op eigen terrein en/of voor op de openbare weg.

## **Onderdelen & accessoires**

Merkonafhankelijke voorraad en snelle levering door geheel Europa.

## **Service & servicecontracten**

Ervaren werkplaatsteam, kennis van alle merken, mogelijkheid tot service op locatie.

## **Uitleen / verhuur**

In geval van uitval of een tekort, zijn er uitleen en/of verhuur carts beschikbaar.

## **Gebruikte voertuigen**

Grote voorraad gebruikte carts van merken zoals Club Car, EZGO, Yamaha & Bensen Cars.

# Introductie

## **Bensel Cars produceert en assembleert elektrische voertuigen voor diverse toepassingen.**

Elektrische voertuigen (EV's) kunnen extra geschikt zijn of speciaal gemaakt worden voor; personenvervoer (2 tot 8 personen), groenonderhoud of als transportwagen. Dankzij het uitgebreide assortiment is er voor elke soort toepassing een passend model. Vanwege de uitgebreide standaard uitvoering van alle Bensel Cars heeft Bensel de beste prijs-kwaliteitsverhouding in de branche. Bensel levert al ruim 14 jaar kwalitatief hoogwaardige elektrische voertuigen. Bij maatwerkproducten kunt u het niet gek genoeg bedenken, van ambulance tot catering wagen, wij maken het!

## **Vertrouwde kwaliteit**

Bensel Cars zijn standaard voorzien van programmeerbare Curtis controllers en Trojan accu's. Natuurlijk staan wij bij Bensel Cars niet stil en bieden wij ook lithium accu's aan.

De voertuigen worden in eigen beheer ontwikkeld en geassembleerd. Enkele voorbeelden van het gebruik van hoogwaardige onderdelen en materialen;

- Intelligente hoog frequente laders
- Complete verlichting voor en achter is standaard
- Altijd lichtmetalen velgen
- Metallic lak zonder meerprijs
- Knipperlichten in de basisuitvoering
- Claxon is standaard
- Keuze in verschillende types accu's

## **Wegvergunning mogelijk**

Bepaalde Bensel Cars kunnen voorzien worden van kenteken zodat rijden op de openbare weg is toegestaan. Deze modellen zijn voorzien van een autokenteken, dus de bestuurder dient in het bezit te zijn van een rijbewijs B. Verder voldoen deze modellen aan alle standaard eisen en dient er mee gereden te worden zoals u op de weg rijdt met een normale auto. Ze zijn vooral klein, wendbaar en ideaal voor zowel privé als zakelijke toepassingen.

## **Onderhoudsvrije accu's optioneel**

Dit zijn accu's die geen onderhoudswerkzaamheden vergen zoals het maandelijks bijvullen met gedemineraliseerd water, dit is bij loodaccu's wel het geval. De levensduur van deze accu's is over het algemeen langer en ze zijn milieuvriendelijker.



# MODEL BSN2



## DRIVING SYSTEM

Motor	3.8KW
Controller	Curtis 1268
Voltage	48V
Battery	Trojan 6 x T875
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	3
Max. climbing ability	25%



## DIMENSIONS

Overall dimensions (mm)	2410 x 1180 x 1800
Maximum loading weight (kg)	240
Net weight including batteries (kg)	360

# MODEL BSN2C



## DRIVING SYSTEM

Motor	3.8KW
Controller	Curtis 1268
Voltage	48V
Battery	Trojan 6 x T875
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	3
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	2866 x 1180 x 1800
Cargo box dimensions (mm)	690 x 1100 x 300
Maximum cargo loading weight (kg)	370
Net weight including batteries (kg)	380

# MODEL BSN2FF



## DRIVING SYSTEM

Motor	3.8KW
Controller	Curtis 1268
Voltage	48V
Battery	Trojan 6 x T875
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	4
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	3
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	2920 x 1180 x 2050
Loading platform dimensions (mm)	820 x 1035 x 30
Maximum loading weight (kg)	370
Net weight including batteries (kg)	380



# MODEL BSN200FF



## DRIVING SYSTEM

Motor	6.3KW
Controller	Curtis 1232SE
Voltage	48V
Battery	Lithium 130AH
Intelligent High Frequency Charger	On board 25A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	38
Minimum turning radius (m)	3
Max. climbing ability	30%



## DIMENSIONS

Overall dimensions (mm)	2860 x 1400 x 1930
Maximum cargo loading weight (kg)	250
Net weight including batteries (kg)	600

# MODEL BSN2LC



## DRIVING SYSTEM

Motor	3.8KW
Controller	Curtis 1268
Voltage	48V
Battery	Trojan 6 x T875
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	4,5
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	3670 x 1180 x 1980
Cargo box dimensions (mm)	1395 x 1100 x 220
Maximum loading weight (kg)	440
Net weight including batteries (kg)	625

# MODEL BSN700



## DRIVING SYSTEM

Motor	6.3KW
Controller	Curtis 1232SE
Voltage	48V
Battery	Lithium 130AH
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	38
Minimum turning radius (m)	3,5
Max. climbing ability	30%



## DIMENSIONS

Overall dimensions (mm)	2250 x 1300 x 1980
Cargo box dimensions (mm)	1175 x 1105 x 245
Maximum loading weight (kg)	250
Net weight including batteries (kg)	600

# MODEL BSN4



## DRIVING SYSTEM

Motor	3.8KW
Controller	Curtis 1268
Voltage	48V
Battery	Trojan 6 x T875
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	4
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	4,5
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	3160 x 1180 x 1980
Maximum loading weight (kg)	370
Net weight including batteries (kg)	620

# MODEL BSN400



## DRIVING SYSTEM

Motor	6.3KW
Controller	Curtis 1232SE
Voltage	48V
Battery	Lithium 130AH
Intelligent High Frequency Charger	On board 25A



## PERFORMANCE

Passenger capacity	4
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	38
Minimum turning radius (m)	3
Max. climbing ability	30%



## DIMENSIONS

Overall dimensions (mm)	3180 x 1400 x 1930
Maximum cargo loading weight (kg)	250
Net weight including batteries (kg)	600



# MODEL BSN4C



## DRIVING SYSTEM

Motor	3.8KW
Controller	Curtis 1268
Voltage	48V
Battery	Trojan 6 x T875
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	4
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	4,5
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	3670 x 1180 x 1980
Cargo box dimensions (mm)	690 x 1100 x 300
Maximum loading weight (kg)	450
Net weight including batteries (kg)	610

# MODEL BSN2FT



## DRIVING SYSTEM

Motor	6.3KW
Controller	Curtis 1232SE
Voltage	48V
Battery	Lithium 180AH
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	30
Minimum turning radius (m)	4,3
Max. climbing ability	25%



## DIMENSIONS

Overall dimensions (mm)	3330 x 1400 x 1830
Maximum loading weight (kg)	400
Net weight including batteries (kg)	570

# MODEL BSN4FF



## DRIVING SYSTEM

Motor	3.8KW
Controller	Curtis 1268
Voltage	48V
Battery	Trojan 6 x T875
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	6
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	4,5
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	3670 x 1180 x 1980
Loading platform dimensions (mm)	820 x 1035 x 30
Maximum loading weight (kg)	450
Net weight including batteries (kg)	600

# MODEL BSN400FF



## DRIVING SYSTEM

Motor	6.3KW
Controller	Curtis 1232SE
Voltage	48V
Battery	Lithium 130AH
Intelligent High Frequency Charger	On board 25A



## PERFORMANCE

Passenger capacity	4
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	38
Minimum turning radius (m)	4
Max. climbing ability	30%



## DIMENSIONS

Overall dimensions (mm)	3660 x 1400 x 1930
Maximum cargo loading weight (kg)	250
Net weight including batteries (kg)	600

# MODEL BSN2R



## DRIVING SYSTEM

Motor	5.0KW
Controller	Curtis 1236-5301
Voltage	48V
Battery	6 x AGM Gel (onderhoudsvrij)
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	3
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	2410 x 1180 x 1800
Maximum loading weight (kg)	150
Net weight including batteries (kg)	510



# MODEL BSN2RC



## DRIVING SYSTEM

Motor	5.0KW
Controller	Curtis 1236-5301
Voltage	48V
Battery	6 x AGM Gel (onderhoudsvrij)
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	3
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	3160 x 1180 x 1980
Cargo box dimensions (mm)	1185 x 1150 x 225
Maximum loading weight (kg)	270
Net weight including batteries (kg)	600

# MODEL BSN700R



## DRIVING SYSTEM

Motor	4.0KW
Controller	Curtis 1232SE
Voltage	48V
Battery	Lithium 130AH
Intelligent High Frequency Charger	On board 25A



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	38
Minimum turning radius (m)	3
Max. climbing ability	30%



## DIMENSIONS

Overall dimensions (mm)	2250 x 1300 x 1980
Cargo box dimensions (mm)	1175 x 1105 x 245
Maximum cargo loading weight (kg)	250
Net weight including batteries (kg)	600

# MODEL BSN4R



## DRIVING SYSTEM

Motor	5.0KW
Controller	Curtis 1236-5301
Voltage	48V
Battery	6 x AGM Gel (onderhoudsvrij)
Intelligent High Frequency Charger	On board 16A



## PERFORMANCE

Passenger capacity	4
Maximum distance on flat road at 20 km/h	>80
Max speed (km/h) adjustable	40
Minimum turning radius (m)	3
Max. climbing ability	20%



## DIMENSIONS

Overall dimensions (mm)	3160 x 1180 x 1980
Maximum loading weight (kg)	270
Net weight including batteries (kg)	600

# MODEL BS2TC



## DRIVING SYSTEM

Motor	24 KW
Voltage	86.4 V
Battery	Lithium 20KW
Intelligent High Frequency Charger	On board 6.6



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road km/h	200
Max speed (km/h)	85
Minimum turning radius (m)	4
Max. climbing ability (empty)	20%



## DIMENSIONS

Overall dimensions (mm)	3910 x 1400 x 1905
Cargo box dimensions (mm)	2270 x 1400 x 1200
Cargo box space	3.6 m <sup>2</sup>
Maximum loading weight (kg)	500



## EXTRA SPECS

Drive mode	2WD Rear
Brake system	Four wheel disc
Suspension system front	Leaf spring independent
Suspension system rear	Transverse Coil-over shock
Wheels	175/65R14 Radial
Bodywork	Reinforced ABS

# MODEL BS2TP



## DRIVING SYSTEM

Motor	24 KW
Voltage	86.4 V
Battery	Lithium 20KW
Intelligent High Frequency Charger	On board 6.6



## PERFORMANCE

Passenger capacity	2
Maximum distance on flat road km/h	176
Max speed (km/h)	85
Minimum turning radius (m)	4
Max. climbing ability (empty)	20%



## DIMENSIONS

Overall dimensions (mm)	3910 x 1400 x 1905
Cargo box dimensions (mm)	2270 x 1400 x 1160
Maximum loading weight (kg)	500



## EXTRA SPECS

Drive mode	2WD Rear
Brake system	Four wheel disc
Suspension system front	Leaf spring independent
Suspension system rear	Transverse Coil-over shock
Wheels	175/65R14 Radial
Bodywork	Reinforced ABS





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