

# CINGO multi-purpose transporters





### **CINGO multi-purpose transporters**

Cingo multi-purpose transporters are compact and highly manageable machines, designed to work in tight spaces. Their low centre of gravity guarantees maximum transversal stability on slopes, while their tracks allow for lower ground pressure and a better grip on deformed and irregular terrain. The versatility and multi-purpose qualities of the Cingo system are unique: the patented quick-coupling device allows for the use of countless different attachments.

The wide range available includes models with capacities of 400 kg to 1.200 kg, and consists of three types of machines:

- TRANSPORTERS: mini operating machines for the transport and loading of materials
- MULTIFUNCTION MACHINES: mini operating machines equipped with Merlo's patented quickcoupling device, capable of being paired with countless attachments











## Winning innovations

Cingo model machines are tireless and versatile, and are specifically designed for the maintenance of green areas (grass mowing, twig shredding and pruning), road and forest cleaning, winter road maintenance, agricultural and livestock activities, and construction work (excavation, transport, concrete mixing, etc.).

Safe and reliable for countless applications, the Cingo models are manageable and easy to drive thanks to their hydraulic controls and hydraulic or hydrostatic transmissions. And they're even capable of operating in confined spaces: in fact, all the various models have a compact width, and can turn in place thanks to the counter-rotation of the tracks.

All the "EVO" series machines, driven by hydrostatic transmissions, are now equipped with hydraulic servoassisted transmission controls. A 70% reduction of the force needed to operate the levers greatly improves the driving comfort. Driving precision is also enhanced. There are also major advantages for maintenance, as this system no longer requires periodical adjustments.

### **CINGO transporter models**

# Indispensable for material transport and handling operations

#### **CINGO M500 MINI SERIES**

This minidumper, available in three versions (dumper, dumper with self-loading bucket, small agricultural dumper) is a handy, compact and safe transporter, which offers superior class features, such as orbital hydraulic motors for maximum traction and *overcenter* valve, which allows you to control the uphill/downhill speed with the machine loaded.

Among the easy and intuitive controls are the parking brake with manual control, and an optional digital hour metre and tachometer display.



CINGO M500 TECHNICAL DATA						
PERFORMANCE		TRANSMISSION AND HYDRAULIC SYSTEM		WEIGHT AND DIMENSIONS		
Maximum capacity	500 kg	Transmission type	Hydraulic	Weight	210/230 kg	
Petrol engine	Honda 5,5 HP	Hydraulic transmission pumps	Orbital	Width	690 mm	
Ignition	Manual pull start	Service pump	-	Length	1.470 mm	
Maximum speed	3,5 km/h					



#### CINGO M700TD

This compact transporter is equipped with hydraulic transmission with gear pumps and hydraulic gear motors with the possibility of moving at double speed.

Excellent performance and maximum safety are also guaranteed by the *overcenter* valve for controlling speed on slopes.

Replacing the attachments available for this transporter model is facilitated by the possibility of placing the attachment on the ground with four support feet.



CINGO M700TD TD TECHNICAL DATA						
PERFORMA	NCE	TRANSMISSION AND HYDRAULIC SYSTEM		WEIGHT AND DIMENSIONS		
Maximum capacity	700 kg	Transmission type	Hydraulic	Weight	480 kg	
Petrol engine	Honda 12 HP	Hydraulic transmission pumps	Gear motors	Width	750 mm	
Ignition	Electrical	Service pump	Gears 6 cc	Length	1.640 mm	
Two speeds	2,5 - 4 km/h					

#### CINGO M8.3TD-EVO

The hydrostatic system, with hydraulic servoassisted controls, also allows you to manage the speed from a few metres per hour up to a maximum of 4 km/h. It also allows you to control the steering with ease and micrometric precision for work accuracy and driving safety.



CINGO M8.3TD-EVO TECHNICAL DATA						
PERFORMANCE		TRANSMISSION AND HYDRAULIC SYSTEM		WEIGHT AND DIMENSIONS		
Maximum capacity	800 kg	Transmission type	Hydrostatic	Weight	510 kg	
Diesel Engine	Kubota 17 HP	Hydraulic transmission pumps	Gear motors	Width	800 mm	
Ignition	Electrical	Service pump	Gears 8 cc + 2,5 cc	Length (with dumper body)	1.800 mm	
Maximum speed	4 km/h					

## **CINGO** multifunction models

### Multifunction system, versatility for every sector

The versatility and multi-purpose qualities of the Cingo system are unique. The quick attachment coupling device equips the sturdy tracked truck with two strong steel booms. This hydraulically controlled coupling system is patented and allows the rapid and simple replacement of innumerable attachments.

#### CINGO M8.3EVO

Thanks to its compact size, the Cingo M8.3EVO is a multifunction machine ideal for working in particularly confined spaces. The 17 HP diesel engine and the tracks' high angle of contact allow the machine to overcome obstacles, guaranteeing maximum versatility and functionality in all work situations. As with all Cingo models equipped with hydrostatic transmission with gear motors, the integrated parking brake allows for excellent dynamic braking, guaranteeing a lower stopping distance, and therefore greater safety. The hydraulic servo-assisted controls also allow the speed to be regulated from a few metres per hour up to a maximum of 4 km/h, and the steering to be controlled with ease and micrometric precision.

CINGO M8.3EVO TECHNICAL DATA						
PERFORMANCE TRANSMISSION AND HYDRAULIC SYSTEM WEIGHT AND DIMENS				ENSIONS		
Maximum capacity	800 kg	Transmission type	Hydrostatic	Weight	510 kg	
Diesel Engine	Kubota 17 HP	Hydraulic transmission pumps	Gear motors	Width	800 mm	
Ignition	Electrical	Service pump	Gears 8 cc + 2,5 cc	Length	1.600 mm	
Maximum speed	4 km/h	Maximum system flow rate (auxiliary circuit)	27 l/min			









#### CINGO M12.3EVO

The Cingo M12.3 EVO, equipped with gear motors and integrated parking brake, is the largest and most versatile multifunction machine.

It is equipped with a powerful 21 HP diesel engine and suitable tracks that allow it to operate in any terrain condition, thanks to excellent ground contact. Ideal in hilly and mountain areas where the compact size, low centre of gravity and remarkable traction allow you to work effectively and safely.

The hydrostatic system, with hydraulic servo-assisted controls, also allows you to manage the speed from a few metres per hour up to a maximum of 5 km/h. It also allows you to control the steering with ease and micrometric precision for work accuracy and driving safety.





CINGO M12.3EVO TECHNICAL DATA						
PERFORMANCE		PERFORMANCE TRANSMISSION AND HYDRAULIC SYSTEM		WEIGHT AND DIM	ENSIONS	
Maximum capacity	1.200 kg	Transmission type	Hydrostatic	Weight	720 kg	
Diesel Engine	Kubota 21 HP	Hydraulic transmission pumps	Gear motors	Width	1.000 mm	
Ignition	Electrical	Service pump	Gears 8 + 2,5 cc	Length	1.800 mm	
Maximum speed	5 km/h	Maximum system flow rate (auxiliary circuit)	27 + 8 l/min			

### **CINGO M12.3 EVO HANDLER 400**

#### HANDLER 400

The Exclusive Handler creates a genuine compact telescopic handler, mounted on the Cingo M12.3EVO Model. It takes few seconds to connect the desired attachment to the head in order to respond quickly and effectively to the increasingly new demands for lifting, excavating, transporting, loading, unloading and precise handling, The handler 400 is supplied with forks as standard, however, when required the telescopic boom can also be fitted with a wide variety of other attachments (loaders, forks with grab, log gripper, hedge cutters, etc.) for lifting, digging, transporting and cutting.

#### HANDLER 400 TECHNICAL DATA

Maximum load capacity (kg)	400
Handler attachment weight (kg)	680 (without the machine)
Lift height (m)	3,4
Kubota Diesel Engine (HP)	21
Maximum speed (km/h)	4,9
Transmission	Hydrostatic
Boom controls	Electromechanical joystick
Front hydraulic stabiliser	Standard
Double pump and auxiliary service line	Standard

### HANDLER 400 The Handler 400's maximum load

capacity with the boom retracted amounts to 400 kg (including the fork attachment).

The attachment is equipped with an anti-tipping system in order to ensure maximum operator safety.







### **HANDLER 400 IMPLEMENT-HOLDER FRONT CARRIAGE WITH MANUAL** LOCK **TELESCOPIC BOOM SLIDING ON** . . . . . ADJUSTABLE ANTI-FRICTION PADS . . . . . . . . . . . . CONVENIENT **REMOVABLE MULTIFUNCTION ELECTROMECHANICAL JOYSTICK ARMS OF MERLO'S EXCLUSIVE** CONTROLS PATENTED QUICK-COUPLING SYSTEM, DESIGNED FOR USE . . . . . . . . . WITH COUNTLESS TYPES OF ATTACHMENTS **POWERFUL 21 HP DIESEL ENGINE** . . . . . . . . . . . . . . . . . . **STURDY RUBBER TRACK** AND RUNNING GEAR WITH HYDROSTATIC TRANSMISSION **OSCILLATING ROLLERS** WITH HYDRAULIC GEAR MOTORS AND BUILT-IN PARKING BRAKE

LIST OF ATTACHMENTS					
CINGO TRANSPORTER MODELS	M500*	M700TD	M8.3TD EVO		
Dumper body	х	х	х		
Dumper body with self-loading bucket	х	х	х		
Dumper body with openable sideboards	х	х	х		
300-litre concrete mixer		х	х		
300-litre concrete mixer with self-loading bucket		х	Х		
Front blade		х	Х		
High-capacity dumper body with front sideboard		х	х		
High-capacity Dumper body with front sideboard and self-loading bucket		х	х		
Dumper body with high unloading and self-loading bucket		х	х		
200-litre sprayer with dedicated petrol engine		х	х		
Manual 20 kg hydraulic hammer		х	х		

\* the attachments are not interchangeable for the M500 mini series

CINGO MULTIFUNCTION MODELS	M8.3EVO	M12.3EVO
Attachments for the construction and earth-moving sectors		
Dumper body	Х	Х
Dumper body with self-loading bucket	Х	х
Dumper body with high unloading	Х	х
300-litre concrete mixer	Х	х
300-litre concrete mixer with self-loading bucket	Х	х
Manual hydraulic hammer - 20 kg	Х	х
Dumper body with openable sideboards and trilateral tipping	Х	Х
Attachments for agriculture, forestry and green areas		
Dumper body with openable sideboards and agricultural flat bed	Х	х
Shredder for shrubs, grass and stalks	Х	х
Soil tiller	Х	х
Sprayer	Х	х
Auger	Х	х
Lift carrier with forks	Х	х
Pallet transporter	Х	х
Lift carrier with forks and crate presses for hive boxes	Х	х
Winch		х
Chipper	Х	х
Snow blower	Х	х
Front blade with hydraulic positioning	Х	х
Snow plough	х	х
Handler 400 ATTACHMENTS and accessories		
HANDLER 400 - telescopic boom complete with forks		х
Duchet fan Urwellen 400		V

Bucket for Handler 400	х
4x1 bucket for Handler 400	х
Fork with grab for Handler 400	Х

### **Multifunction system attachments**

With the multiple attachments available, the Cingo becomes a highly efficient and productive machine that's capable of significantly reducing costs for numerous different activities where specific machines are normally utilised.

The excellent features and performance of Cingo attachments and their total compatibility are derived from an integrated design and an exclusive production process.



The patented device for rapid attachment connection, which equips the truck with two strong mechanical arms, is the technological base of the Cingo Multifunction. Most of the Multifunction system's attachments are compatible with this device.

#### HYDRAULICALLY CONTROLLED QUICK-COUPLING DEVICE













#### Dumper

Ideal for transporting bulk materials and for precision unloading. Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Dumper capacity (I)	400	550
Load capacity (kg)	730	1.100
Width (mm)	800	920

#### Dumper with self-loading bucket

The advantage of having the front bucket with hydraulic lifting for loading the material.

Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Dumper capacity (I)	400	550
Load capacity (kg)	655	980
Bucket capacity (I)	80	90
Width (mm)	970	1.080

#### Dumper body with high unloading

The ability to efficiently transport aggregates, combined with the versatility of unloading at heights.

Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Dumper capacity (I)	400	400
Load capacity (kg)	610	1.010
Width (mm)	850	850
Height of the obstacle (mm)	1.300	1.300

#### 3-way tipper body

The versatility of a tipper body with movable tipping sideboards on three sides.

	M 8.3EVO	M 12.3EVO
Load capacity (kg)	710	1.100
Width (mm)	750	920
Length (mm)	1.050	1.250
Height of the sideboards (mm)	450	450

#### Tipping body with sideboards

The versatility of a tipper body with movable sideboards, which can become an integral part of the loading surface if necessary, thus increasing its surface area.

	M 8.3EVO	M 12.3EVO
Load capacity (kg)	720	1.100
Width with sideboards closed (mm)	800	1.000
Width with horizontal sideboards (mm)	1.445	1.650
Height of the sideboards (mm)	300	300





Ideal for shredding pruning clippings, stalks, small shrubs and for cleaning embankments and paths.

Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Working width (mm)	800	1.000

For drilling precision holes in the ground for poles, supports, or small trees. Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Hole diameter (mm)	200	200
Maximum working depth (mm)	800	800

#### Chipper

Indispensable for shredding pruning clippings and other wooden materials, with the advantage of total mobility. Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Maximum branch diameter (mm)	110	110

#### **Fingerbar mower**

An advanced hydraulically-operated system for precision mowing. The bar's floating function allows the mowing to be carried out following the contours of the ground. Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Cutterbar width (mm)	1.300	1.300

#### **Rotavator**

This attachment allows the seedbed to be prepared under any slope conditions in gardens, vegetable gardens, greenhouses, vineyards, orchards, and medium-sized parcels of land.

Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Working width (mm)	800	1.000











Winch with loading platform The advantage of pairing a powerful hydraulic pulling system with a versatile means of transport. Ideal for use in the forestry sector. Maximum load capacity (kg) Maximum pull force (kg)

**Sprayer** 

Tank capacity (I)

Cable length (m)

#### Manual hydraulic hammer

For carrying out small or large demolition operations with maximum precision and effectiveness.

A quick and easy-to-handle sprayer that's ideal for applying plant protection treatments between windrows on difficult terrain and with limited space.

200

1.000 1.500

50

200

	M 8.3EVO	M 12.3EVO
Tool mass (kg)	20	20

#### **Concrete mixer**

Designed for mixing concrete in the required quantities, whenever and wherever needed. Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Concrete mixer capacity (I)	350	350
Concrete yield (I)	300	300
Attachment width (mm)	1.050	1.050

#### Concrete mixer with self-loading bucket

Helps increase productivity by directly loading the aggregates. Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Concrete mixer capacity (I)	350	350
Concrete yield (I)	300	300
Bucket capacity (I)	40	40
Attachment width (mm)	1.050	1.050

















#### Masted lift

Ideal for precision handling operations when high lifting capacities are required. Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Maximum load capacity (kg)	200	400
Lift height (mm)	1.600	1.800

#### Telehandler

An agile work tool that can be equipped with various types of attachments (shovels, forks, grapples, buckets, etc.) for excavating, lifting, loading, transporting, and handling operations. Compatible with the quick-coupling system.

	M 12.3EVO
Maximum load capacity (kg)	400
Lift height (mm)	3.400

#### Snow blower

This hydraulically-operated unit features a turbine ejector with a manually selectable continuous spray direction. Compatible with the quick-coupling system.

	M 8.3EVO	M 12.3EVO
Working width (mm)	800	1.000

#### Snow plough

Hydraulic orientation, suitable for snow removal. It is equipped with an anti-shock system with spring return, which allows for easy use while avoiding problems on uneven ground. Wear-resistant steel scraper.

	M 8.3EVO	M 12.3EVO
Blade width (mm)	1.300	1.300
Blade height (mm)	470	470
Blade angle (degrees)	±30	±30

#### Front blade

Easy to operate and ideal for cleaning stalls, piling loose materials, and levelling areas of ground.

	M 8.3EVO	M 12.3EVO
Blade width (mm)	1.100	1.300
Blade height (mm)	470	470
Blade angle (degrees)	±18	±18





	MODELS		M500	M700 TD
	SUBGROUP		TRANSPORTER	TRANSPORTER
PERFORMANCE - DIMENSIONS	Maximum capacity Machine weight Maximum length Maximum width Maximum height Fixed / variable track width Distance off the ground/Ground clearance Max. longitudinal slope Max. cross slope Maximum speed	kg mm mm mm km/h	500 210/230 1.471 690 1.125 FIXED 115 35% 20% 3,5	700 480 1.640 750 1.230 FIXED 100 35% 20% 4
ENGINE	Engine Model Fuel Cylinder no. Displacement Max. engine speed Power Max. torque Ignition Engine cooling Fuel tank Fuel consumption Battery	Make Number cc rpm kW I I/h 3.600 rpm V/Ah	Honda GX 200 Petrol 1 196 3.850±100 4,1 kW / 3.600 rpm 12,4 Nm / 1,26 Kgfm / 2.500 rpm Manual pull start Air 3,1 1,7	Honda GX 390 Petrol 1 389 3.600 8,7 kW 26,5 Nm Manual pull start/Electric Air 6,1 3,5 12 V
TRANSMISSION	Transmission type Pump Flow Hydraulic motor Maximum operating pressure Controls / Levers Operator's console Parking brakes	cc I/min bar	Hydraulic 3,2 + 3,2 11,5+11,5 Orbital 150 Hydraulic On the ground Manual	Hydraulic 4,27+4,27 14+14 Gear motor 160 Hydraulic On the ground / Platform Automatic Fast second gear
TRACKS	Type Dimensions Rollers per side		Rubber 160x72x33 3	Rubber 180x72x36 4
HYDRAULIC CIRCUIT	Service pump Auxiliary circuit oil flow rate Maximum pressure Service and transmission oil tank Auxiliary circuit oil cooling Service lines Levers Auxiliary services control valve	cc I/min bar litres	- - 21 no 2 - no	Gears 6 20 180 18 yes 4 -
	MULTIFUNCTION - QUICK-COUPLING		no	no

TRANSPORTER         MULTIFUNCTION         MULTIFUNCTION           800         800         1.200           510         510         720           1800         1.620         1.800           800         800         1.000           1175         1.1175         1.144           FIKED         FIKED         FIKED           120         100         110           35%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           4         4         5           Kubota         Kubota         Kubota           Kubota         Stoo         3           600         600         720           3 500         3.600 rpm         14.9 W/ 3.600 rpm           12.5 kW / 3.600 rpm         14.9 W/ 3.600 rpm         14.9 W/ 3.600 rpm           12.5 kW / 3.600 rpm         12.5 kW / 3.600 rpm         14.9 M/ 3.600 rpm           12.5 kW / 3.600 rpm         12.5 kW / 3.600 rpm         14.9 M/ 3.600 rpm           12.5 kW / 3.600 rpm         12.5 kW / 3.600 rpm         14.1 M/ 14	M8.3TD EVO	M8.3 EVO	M12.3 EVO
510       510       720         1.600       1.620       1.000         1.152       1.175       1.144         FNED       FNED       FNED         1.175       1.175       1.144         FNED       FNED       FNED         1.175       1.100       110         35%       35%       35%         20%       20%       20%         20%       20%       20%         20%       20%       20%         20%       20%       20%         20%       20%       20%         20%       20%       20%         20%       20%       20%         20%       20%       20%         20%       20%       20%         20%       20%       20%         20       20       22         21       4       4         20       3600       3600         310,5600 rpm       12,5 kW / 3.600 rpm       14,9 kW / 3.600 rpm         318 Nm / 3.600 rpm       14,9 kW / 3.600 rpm       14,9 kW / 3.600 rpm         318 Nm / 3.600 rpm       14,9 kW / 3.600 rpm       14,9 kW / 3.600 rpm         12,5 kW / 3.600 rpm	TRANSPORTER	MULTIFUNCTION	MULTIFUNCTION
1.800       1.620       1.800         800       000       1.000         1.75       1.175       1.144         FIXED       FIXED       FIXED         1.20       100       110         3.5%       3.5%       2.5%         2.0%       2.0%       2.0%         4       4       5         Kubota       Kubota       Kubota         4.00       7       2.0%         4       7       3.600         6.00       6.00       7.20         3.600       3.600       3.600         1.2,5 kW / 3.600 rpm       14.9 kW / 3.600 rpm       14.9 kW / 3.600 rpm         8 km / 3.600 rpm       3.8 km / 3.600 rpm       14.9 kW / 3.600 rpm         8 km / 3.600 rpm       3.8 km / 3.600 rpm       14.9 kW / 3.600 rpm         Electrical       Electrical       Electrical         Liquid-type       Liquid-type       Liquid-type         1.11       12 kW / 3.600 rpm       14.9 kW / 3.600 rpm         2.8 km / 3.600 rpm       3.8 km / 3.600 rpm       14.9 kW / 3.600 rpm         Liquid-type       Liquid-type       Liquid-type         1.14       12 kW       12 kW         1.14 <td< td=""><td>800</td><td>800</td><td>1.200</td></td<>	800	800	1.200
800         800         1.000           1.175         1.144           FNED         FNED           120         100         110           355         35%         35%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         3.600         720           3.600         3.600         720           3.600         3.600 rpm         14,9 kW / 3.600 rpm           3.800 rpm         12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm           3.800 rpm         14,9 kW / 3.600 rpm         14,9 kW / 3.600 rpm           12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm         14,9 kW / 3.600 rpm           12,6 kW / 3.600 rpm         14,9 kW / 3.600 rpm         14,9 kW / 3.600 rpm           12,8 W / 3.600 rpm         14,9 kW / 3.600	510	510	720
1.175       1.175       1.144         FKED       FKED       FKED         120       100       110         35%       35%       35%         20%       20%       20%         20%       20%       20%         4       4       5         2002       2602       D722         Dissel       Dissel       0         2       2       3         660       600       720         3.600       3.600       3.600         12,5 KW / 3.600 rpm       32,5 W / 3.600 rpm       46 Km / 2.600 rpm         38 Nm / 3.600 rpm       38 Nm / 3.600 rpm       46 Nm / 2.600 rpm         38 Nm / 3.600 rpm       38 Nm / 3.600 rpm       14,9 KW / 3.600 rpm         12,5 KW / 3.600 rpm       38 Nm / 3.600 rpm       14,9 KW / 3.600 rpm         14       14       14       14         14       14       14       14         2.8       3,5       4         2.9       12 V       12 V       12 V         14 Hrit       11*11       13*13       3*33         38*38       38*38       45*45         Gear motor       Gear motor       Gear motor	1.800	1.620	1.800
FIXED         FIXED         FIXED           120         100         110           35%         35%         35%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         2602         20%           20%         3600         3600           3600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600           3.600         3.600         3.600	800	800	1.000
120         100         110           35%         35%         35%           20%         20%         20%           20%         20%         20%           20%         20%         20%           20%         20%         20%           2602         722         0           10881         Dissel         Dissel         0           2         2         3         0         0           3.600         3.600         3.600         3.600           12.5 kW/3.600 rpm         12.5 kW/3.600 rpm         14.9 kW/3.600 rpm           38 Nn / 3.600 rpm         38 Nn / 3.600 rpm         4.6 Nn / 2.600 rpm           12.5 kW/3.600 rpm         12.5 kW/3.600 rpm         4.6 Nn / 2.600 rpm           12.5 kW/3.600 rpm         14.9 kW/3.600 rpm         4.6 Nn / 2.600 rpm           12.4 Utpet         14         14           2.8         3.5         4           12.7         12.7         12.7         12.7           Hydrostatic         Hydrostatic         Hydrostatic         Hydrostatic           11+11         11+11         13+13         3.8+38         6.8+14.9           Gear motor         Gear motor         Gear	1.175	1.175	1.144
35%         35%         35%         20%           20%         20%         20%           4         4         5           Kubota         Kubota         Kubota           2602         2722         Diesel           2         2         3           600         600         720           3.600         3.600         3.600           12,5 KW / 3.600 rpm         14,9 KW / 3.600 rpm           3.600         3.600         3.600           12,5 KW / 3.600 rpm         12,5 KW / 3.600 rpm         14,9 KW / 3.600 rpm           8.0 / 3.600 rpm         3.8 / 3.600 rpm         14,9 KW / 3.600 rpm           8.0 / 3.600         7.00         7.00           3.600         3.600         3.600           12,5 KW / 3.600 rpm         14,9 KW / 3.600 rpm         14,9 KW / 3.600 rpm           8.0 / 3.60         1.8 / 1.8 / 1.4 / 1.4         1.4 / 1.4         1.4 / 1.4           14         14         1.4 / 1.4         1.4 / 1.4         1.4 / 1.4           3.8 / 3.5         4         1.2 /	FIXED	FIXED	FIXED
20%         20%         20%           4         4         5           Kubota         Kubota         Kubota           Z 602         Z-602         D722           Diesel         Diesel         Diesel           2         2         3           600         600         720           3.600         3.600         3.600           12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm         4.6 Nm / 2.600 rpm           38 Nm / 3.600 rpm         14,9 kW / 3.600 rpm         4.6 Nm / 2.600 rpm           12,5 kW / 3.600 rpm         3.8 Nm / 3.600 rpm         4.9 kW / 3.600 rpm           38 Nm / 3.600 rpm         3.8 Nm / 3.600 rpm         4.9 kW / 3.600 rpm           12,5 kW / 3.600 rpm         14.9 kW / 3.600 rpm         14.9 kW / 3.600 rpm           12 kubit         Electrical         Electrical           Liquid-type         Liquid-type         14 up           14         14         14           2,8         3,5         4           12 V         12 V         12 V           Hydrostatic         Hydrostatic         Hydrostatic           14 11         13 + 13         38 + 38           Gear motor         Gear motor         Coo	120	100	110
4         4         5           Kubota         Kubota         Kubota         Kubota           Z-602         Z-502         Diesel         Diesel           Diesel         Diesel         Diesel         Diesel           2         2         3         600         3.600         3.600           3.600         3.600         3.600         3.600         3.600           12.5.KW/ 3.600 rpm         14.9 KW / 3.600 rpm         46 Nm / 2.600 rpm         38 Nm / 3.600 rpm         46 Nm / 2.600 rpm           38 Nm / 3.600 rpm         38 Nm / 3.600 rpm         46 Nm / 2.600 rpm         14         14           14         14         14         14         14           14         14         14         14         14           12 V         12 V         12 V         12 V         12 V           Hydrostatic         Hydrostatic         Hydrostatic         14         14         14           13 8 Nm / 3.600 rpm         160         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         200         <	35%	35%	35%
Kubota         Kubota         Kubota         Kubota           Z-602         Z-602         D722           Diesel         Diesel         Diesel           2         2         3           600         600         720           3.600         3.600         3.600           12,5 KW / 3.600 rpm         14,9 KW / 3.600 rpm         46 Nm / 2.600 rpm           8 Nm / 3.600 rpm         3.600 rpm         14,9 kW / 3.600 rpm           B Retrical         Electrical         Electrical           Electrical         Electrical         Electrical           Liquid-type         Liquid-type         Liquid-type           14         14         14           28         3.5         4           12 V         12 V         12 V           Hydrostatic         Hydrostatic         Hydrostatic           11+11         11+11         13+13          38+38         64-45           Gear motor         Gear motor         Gear motor           160         160         200           Hydraulic         No the ground / Platform         Automatic / Manual Selector           Rubber         180x72x36         230x72x40           180 <t< td=""><td>20%</td><td>20%</td><td>20%</td></t<>	20%	20%	20%
Z-602       D722         Diesel       Diesel         2       2         600       600         3.600       3.600         3.600       3.600         3.80m / 3.600 rpm       14.9 kW / 3.600 rpm         3.8 Nm / 3.600 rpm       4.6 Nm / 2.600 rpm         3.8 Nm / 3.600 rpm       4.6 Nm / 2.600 rpm         B.Nm / 3.600 rpm       4.6 Nm / 2.600 rpm         1.2,5 kW / 3.600 rpm       4.6 Nm / 2.600 rpm         1.2,5 kW / 3.600 rpm       4.6 Nm / 2.600 rpm         3.8 Nm / 3.600 rpm       4.6 Nm / 2.600 rpm         1.2,5 kW / 3.600 rpm       14.9 kW / 3.600 rpm         1.2,5 kW / 3.600 rpm       4.6 Nm / 2.600 rpm         1.2,5 kW / 3.600 rpm       14.9 kW / 3.600 rpm         1.2,5 kW / 3.600 rpm       14.9 kW / 3.600 rpm         1.4 14       14         2.8       3.5         1.4       14         2.8       3.5         1.2 V       12.V         Hydrostatic       Hydrostatic         1.9 Norza       6.6ear motor         1.6 Or the ground / Platform       Automatic / Manual Selector         Nother       Rubber       Kubber         1.80 N72x36       230x72x40	4	4	5
Diesel         Diesel         Diesel           2         2         3           600         600         720           3.600         3.600         3.600           12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm         14,9 kW / 3.600 rpm           38 Nm / 3.600 rpm         46 Nm / 2.600 rpm         14,9 kW / 3.600 rpm           12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm         46 Nm / 2.600 rpm           12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm         46 Nm / 2.600 rpm           12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm         46 Nm / 2.600 rpm           12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm         46 Nm / 2.600 rpm           12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm         46 Nm / 2.600 rpm           14         14         14         14           2,8         3,5         4           12,7         12,7         12,7           14         14         14         2,8           38,438         3,5         4           12,7         12,7         12,7           14,9 kdrostatic         Hydrostatic         Hydrostatic           14,9 kdraulic         0,160         200           Nother         Kubber         230x72	Kubota	Kubota	Kubota
2         2         3           600         600         720           3.600         3.600         3.600           12,5 kW / 3.600 rpm         12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm           3.8 km / 3.600 rpm         3.8 km / 3.600 rpm         46 km / 2.600 rpm           Beterrical         Electrical         Electrical           Liquid-type         Liquid-type         Liquid-type           14         14         14           2,8         3,5         4           12,7         12,7         12,7           Hydrostatic         Hydrostatic         Hydrostatic           11+11         11+11         13+13           38+38         Gear motor         Gear motor           66         160         200           Hydraulic         Hydraulic         Hydraulic           On the ground / Platform         On the ground / Platform         Automatic / Manual Selector           Automatic / Manual Selector         180x72x36         Gears 8+2,5           27+8         27+8         210x72x40           18         180         200           18         180         200           18         18         26	Z-602	Z-602	D722
600         600         720           3.600         3.600         3.600           12,5 kW / 3.600 rpm         12,5 kW / 3.600 rpm         14,9 kW / 3.600 rpm           38 Nm / 3.600 rpm         46 Nm / 2.600 rpm         46 Nm / 2.600 rpm           38 Nm / 3.600 rpm         46 Nm / 2.600 rpm         14,9 kW / 3.600 rpm           14         14         14         14           2,8         3,5         4           12 V         12 V         12 V           14,1         14         14           2,8         3,5         4           12 V         12 V         12 V           14,1         14,1         14,13           38,38         38+38         45+45           Gear motor         Gear motor         Gear motor           160         200         14/4           Mydraulic         Hydraulic         Hydraulic           On the ground / Platform         On the ground / Platform         Automatic / Manual Selector           180 X72x36         230x72x40         4         4           Gears 8+2,5         Gears 8+2,5         Gears 8+2,5         Gears 8+2,5           180         180         200         18         26 <tr< td=""><td>Diesel</td><td>Diesel</td><td>Diesel</td></tr<>	Diesel	Diesel	Diesel
3.600       3.600       3.600         12,5 kW/3.600 rpm       14,9 kW/3.600 rpm       14,9 kW/3.600 rpm         38 Nm/3.600 rpm       46 Nm/2.600 rpm       46 Nm/2.600 rpm         Beterrical       Electrical       Electrical         Liquid-type       Liquid-type       Liquid-type         14       14       14         2,8       3,5       4         2,8       3,5       4         2,8       3,5       4         12 V       12 V       12 V         Hydrostatic       Hydrostatic       Hydrostatic         11+11       13+13       3+38         38+38       38+38       45+45         Gear motor       Gear motor       Gear motor         160       160       200         Hydraulic       Hydraulic       Hydraulic         On the ground / Platform       On the ground / Platform       On the ground / Platform         Automatic / Manual Selector       Rubber       Rubber         180x72x36       180x72x36       230x72x40         4       4       4       4         Gears 8+2,5       Gears 8+2,5       Gears 8+2,5         180       180       200	2	2	3
12,5 kW/3.600 rpm       14,9 kW/3.600 rpm         38 Nm/3.600 rpm       46 Nm / 2.600 rpm         Belectrical       Electrical         Liquid-type       Liquid-type         14       14         2,8       3,5         12 V       12 V         Hydrostatic       Hydrostatic         11+11       11+11         38+38       45+45         Gear motor       Gear motor         160       100         Hydrostatic       Hydrostatic         Hydrostatic       Hydrostatic         11+11       13+13         38+38       38+38         Gear motor       Gear motor         160       200         Hydraulic       Hydraulic         On the ground / Platform       On the ground / Platform         Automatic / Manual Selector       Automatic / Manual Selector         Rubber       Rubber       Rubber         180 x72x36       180 x72x36       230x72x40         4       180       200         181       26       27 + 8         180       180       200         18       18       26         Yes       Yes       Yes	600	600	720
38 Nm / 3.600 rpm         46 Nm / 2.600 rpm           Electrical         Electrical           Liquid-type         Liquid-type           14         14           2,8         3,5           4         14           12 V         12 V           Hydrostatic         Hydrostatic           11+11         13+13           38+38         38+38           6ear motor         Gear motor           160         160           Nt dydrostatic         Hydrostatic           Hydraulic         Hydraulic           Nt dydrostatic         Hydraulic           Nt dydraulic         Nthaual Selector           Kubber         Rubber           Rubber         Rubber           Rubber         Rubber           180x72x36         230x72x40           180         180x72x36           180x72x36         200           18         200           18         26           Yes         Yes           Yes         Yes           8         8           6         180           205/1 levers + SD5/1 lever         SD5/4 levers + SD5/1 lever	3.600	3.600	3.600
ElectricalElectricalElectricalLiquid-typeLiquid-type14142,83,512 V12 VHydrostaticHydrostatic11+1113+1338+3838+386ear motor6ear motor160160200HydraulicHydrostaticHydraulicHydraulicHydraulic0n the ground / PlatformOn the ground / PlatformAutomatic / Manual Selector230x72x4044446ears 8+2,5Gears 8+2,527 + 827 + 818018020018180200180200180200180200180200180200180200180200180200181826yes9888868687 + 8688888895/1 levers + SD5/1 leverSD5/4 levers + SD5/1 lever	12,5 kW / 3.600 rpm	12,5 kW / 3.600 rpm	14,9 kW / 3.600 rpm
Liquid-typeLiquid-typeLiquid-type1414142,83,5412 V12 V12 VHydrostaticHydrostaticHydrostatic11+1111+1113+1338+3838+3845+45Gear motorGear motorGear motor160160200HydraulicHydraulicHydraulicOn the ground / PlatformOn the ground / PlatformOn the ground / PlatformAutomatic / Manual Selector180x72x36230x72x404444Gears 8 + 2,5Gears 8 + 2,527 + 827 + 827 + 818018020018180200181802001836200183826YesYesYes8885505/a levers 4 505/a levers 4 505/a levers 4 505/a levers 4 505/a levers	38 Nm / 3.600 rpm	38 Nm / 3.600 rpm	46 Nm / 2.600 rpm
14       14       14         2,8       3,5       4         12 V       12 V       12 V         Hydrostatic       Hydrostatic       Hydrostatic         11+11       13+13       38+38         38+38       38+38       45+45         Gear motor       Gear motor       Gear motor         160       200       Hydraulic         Hydraulic       Hydraulic       Hydraulic         On the ground / Platform       On the ground / Platform       Automatic / Manual Selector         Rubber       Rubber       Rubber       Rubber         180x72x36       180x72x36       230x72x40         4       4       4       4         Gears 8 + 2,5       Gears 8 + 2,5       Gears 8 + 2,5         27 + 8       27 + 8       27 + 8         180       180       200         18       18       26         yes       yes       yes         8       8       8         .       .       .         .       .       .         .       .       .         .       .       .         .       .       .      <	Electrical	Electrical	Electrical
2,8       3,5       4         12 V       12 V       12 V         Hydrostatic       Hydrostatic       Hydrostatic         11+11       13+13       38+38         38+38       38+38       45+45         Gear motor       Gear motor       Gear motor         160       160       200         Hydraulic       Hydraulic       Hydraulic         On the ground / Platform       On the ground / Platform       Automatic / Manual Selector         Rubber       Rubber       Rubber       Rubber         180x72x36       180x72x36       230x72x40         4       4       4       4         Gears 8 + 2,5       Gears 8 + 2,5       Gears 8 + 2,5         180       180       200         18       180       200         18       180       200         18       180       200         18       8       8         2.       Yes       Yes         8       8       8         3.       18       8         3.       3       8       8         3.       5D5/4 levers + SD5/1 lever       SD5/4 levers + SD5/1 lever <td>Liquid-type</td> <td>Liquid-type</td> <td>Liquid-type</td>	Liquid-type	Liquid-type	Liquid-type
12V12V12VHydrostaticHydrostaticHydrostatic11+1113+133+3838+3838+3845+45Gear motorGear motorGear motor160160200HydraulicHydraulicHydraulicOn the ground / PlatformOn the ground / PlatformAutomatic / Manual SelectorOn the ground / PlatformRubberRubberRubber180x72x36180x72x36230x72x40444Gears 8+2,5Gears 8+2,5Gears 8+2,527+827+827+8180180200181826YesYesYes888SD5/3 leversSD5/4 levers + SD5/1 leverSD5/4 levers + SD5/1 lever	14	14	14
Hydrostatic         Hydrostatic         Hydrostatic           11+11         13+13         13+13           38+38         38+38         45+45           Gear motor         Gear motor         Gear motor           160         160         200           Hydraulic         Hydraulic         Hydraulic           On the ground / Platform         On the ground / Platform         On the ground / Platform           Automatic / Manual Selector         Rubber         Rubber           Rubber         Rubber         Rubber           180x72x36         180x72x36         230x72x40           4         4         4           Main         180         200           18         180         200           18         26         200           18         26         20           180         180         200           18         18         26           Yes         Yes         Yes           8         8         8           3         8         8           3         3         3	2,8	3,5	4
11+1113+1338+3838+3838+3845+45Gear motorGear motor160160PydraulicHydraulicOn the ground / PlatformOn the ground / PlatformAutomatic / Manual SelectorOn the ground / PlatformAutomatic / Manual SelectorRubberRubberRubber180x72x36230x72x4044Gears 8 + 2,5Gears 8 + 2,527 + 827 + 818018020018180180180200181826yesyesyes880.15D5/3 leversSD5/4 levers + SD5/1 lever	12 V	12 V	12 V
38+3838+3845+45Gear motorGear motorGear motor160160200HydraulicHydraulicHydraulicOn the ground / PlatformOn the ground / PlatformOn the ground / PlatformAutomatic / Manual SelectorRubberRubber180x72x36180x72x36230x72x40444Gears 8 + 2,5Gears 8 + 2,527 + 827 + 8180180200181802001826yesyesyes888SD5/3 leversSD5/4 levers + SD5/1 leverSD5/4 levers + SD5/1 lever	Hydrostatic	Hydrostatic	Hydrostatic
Gear motorGear motorGear motor160160200HydraulicHydraulicOn the ground / PlatformOn the ground / PlatformAutomatic / Manual SelectorOn the ground / PlatformRubberRubberRubber180x72x36180x72x3644Gears 8 + 2,5Gears 8 + 2,527 + 827 + 8180180200181801802001818018020018383830183018301830183030318363183631835/3 levers305/3 leversSD5/4 levers + SD5/1 lever	11+11	11+11	13+13
160160200HydraulicHydraulicHydraulicOn the ground / PlatformOn the ground / PlatformOn the ground / PlatformAutomatic / Manual SelectorAutomatic / Manual SelectorAutomatic / Manual SelectorRubberRubberRubber180x72x36230x72x404445Gears 8 + 2,5Gears 8 + 2,527 + 827 + 827 + 818018020018180200181826yesyesyes888SD5/3 leversSD5/4 levers + SD5/1 leverSD5/4 levers + SD5/1 lever	38+38	38+38	45+45
Hydraulic On the ground / Platform Automatic / Manual SelectorHydraulic On the ground / Platform Automatic / Manual SelectorHydraulic On the ground / Platform Automatic / Manual SelectorRubberRubberRubber180x72x36180x72x36230x72x40444Gears 8 + 2,5Gears 8 + 2,5Gears 8 + 2,527 + 827 + 827 + 8180180200181826yesyesyes888SD5/3 leversSD5/4 levers + SD5/1 leverSD5/4 levers + SD5/1 lever	Gear motor	Gear motor	Gear motor
On the ground / Platform Automatic / Manual SelectorOn the ground / Platform Automatic / Manual SelectorOn the ground / Platform Automatic / Manual SelectorRubberRubberRubber180x72x36180x72x36230x72x40444Gears 8 + 2,5Gears 8 + 2,5Gears 8 + 2,527 + 827 + 827 + 8180180200181826yesyesyes888SD5/3 leversSD5/4 levers + SD5/1 leverSD5/4 levers + SD5/1 lever	160	160	200
Automatic / Manual SelectorAutomatic / Manual SelectorAutomatic / Manual SelectorRubberRubberRubber180x72x36230x72x40444Gears 8 + 2,5Gears 8 + 2,527 + 827 + 8180180200181826yesyesyes888SD5/3 leversSD5/4 levers + SD5/1 leverSD5/4 levers + SD5/1 lever	Hydraulic	Hydraulic	Hydraulic
Rubber         Rubber         Rubber           180x72x36         230x72x40           4         4           Gears 8 + 2,5         Gears 8 + 2,5           27 + 8         27 + 8           180         200           18         200           18         26           yes         yes           8         8           -         -           5D5/3 levers         SD5/4 levers + SD5/1 lever	On the ground / Platform	On the ground / Platform	On the ground / Platform
180x72x36       230x72x40         4       4         Gears 8 + 2,5       Gears 8 + 2,5         27 + 8       27 + 8         180       200         18       200         18       26         yes       yes         8       8         -       -         SD5/3 levers       SD5/4 levers + SD5/1 lever			
180x72x36       230x72x40         4       4         Gears 8 + 2,5       Gears 8 + 2,5         27 + 8       27 + 8         180       200         18       26         yes       yes         8       8         -       -         SD5/3 levers       SD5/4 levers + SD5/1 lever		2.11	2.11
4     4       Gears 8 + 2,5     Gears 8 + 2,5       27 + 8     Gears 8 + 2,5       27 + 8     27 + 8       180     200       18     26       yes     yes       8     8       -     -       SD5/3 levers     SD5/4 levers + SD5/1 lever			
Gears 8 + 2,5       Gears 8 + 2,5       Gears 8 + 2,5         27 + 8       27 + 8       27 + 8         180       180       200         18       26       26         yes       yes       yes         8       8       8         -       -       -         SD5/3 levers       SD5/4 levers + SD5/1 lever       SD5/4 levers + SD5/1 lever			
27 + 8       27 + 8       27 + 8         180       180       200         18       26       26         yes       yes       yes         8       8       8         -       -       -         SD5/3 levers       SD5/4 levers + SD5/1 lever       SD5/4 levers + SD5/1 lever	4	4	4
180       200         18       18       26         yes       yes       yes         8       8       8         -       -       -         SD5/3 levers       SD5/4 levers + SD5/1 lever       SD5/4 levers + SD5/1 lever	Gears 8 + 2,5	Gears 8 + 2,5	Gears 8 + 2,5
18       18       26         yes       yes       yes         8       8       8         -       -       -         SD5/3 levers       SD5/4 levers + SD5/1 lever       SD5/4 levers + SD5/1 lever	27 + 8	27 + 8	27 + 8
yesyes88SD5/3 leversSD5/4 levers + SD5/1 lever	180	180	200
8     8     8       -     -     -       SD5/3 levers     SD5/4 levers + SD5/1 lever     SD5/4 levers + SD5/1 lever	18	18	26
SD5/3 levers     SD5/4 levers + SD5/1 lever     SD5/4 levers + SD5/1 lever	yes	yes	yes
	8	8	8
	-	-	-
no ves ves	SD5/3 levers	SD5/4 levers + SD5/1 lever	SD5/4 levers + SD5/1 lever
	no	yes	yes



### CINGO multi-purpose transporters

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