

BINGO

S E R I E N *plus*



**Make the driver
happy.**

**He will work
better
and longer.**

BINGO **164**
S E R I E N *plus*

BINGO **204**
S E R I E N *plus*

**Comfortable
and handy,
this truck
protects
your health.**

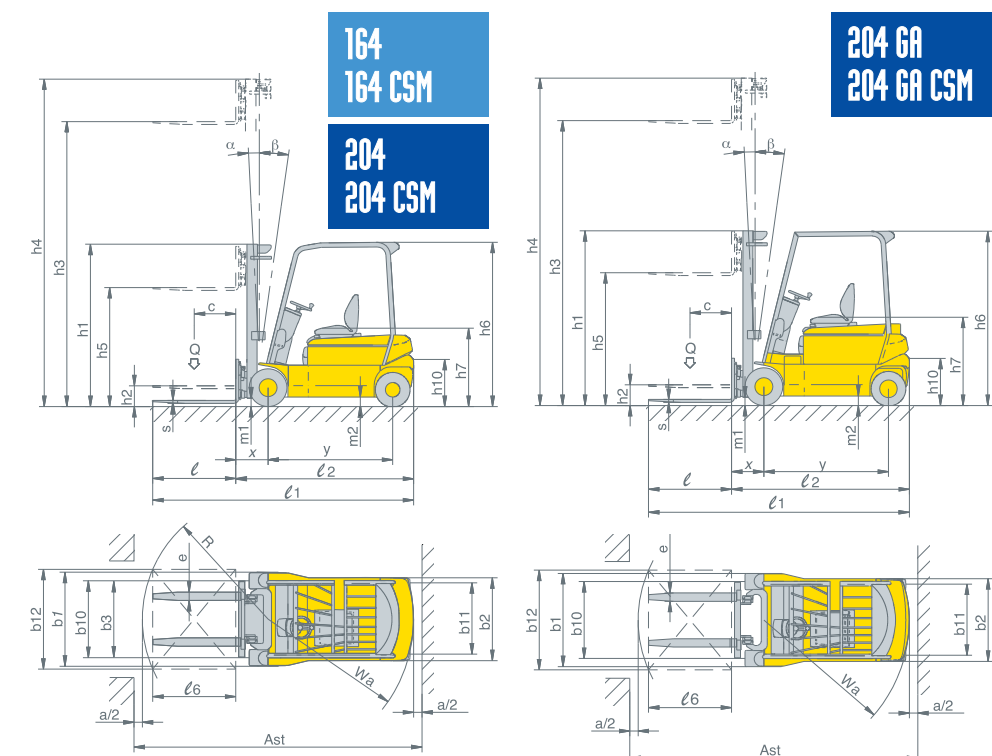
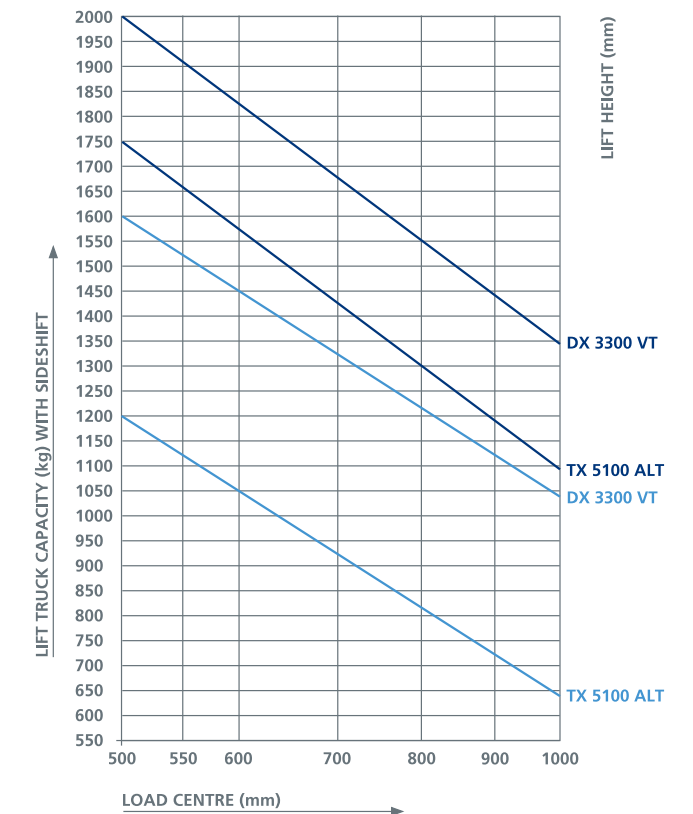
MONTINI

Technology without problems

BINGOplus N		164	164 CSM	204	204 CSM	204 GA	204 GA CSM
CHARACTERISTICS	1.1 Manufacturer	MONTINI	MONTINI	MONTINI	MONTINI	MONTINI	MONTINI
	1.2 Model	BINGOplus N 164	BINGOplus N 164 CSM	BINGOplus N 204	BINGOplus N 204 CSM	BINGOplus N 204 GA	BINGOplus N 204 GA CSM
	1.3 Power unit: electric, diesel, petrol, L.P. gas, electric mains	electric	electric	electric	electric	electric	electric
	1.4 Drive type: hand, pedestrian, stand-on, sit-on, order picker	sit-on	sit-on	sit-on	sit-on	sit-on	sit-on
	1.5 Capacity/Load	1.6	1.6	2	2	2	Q (t)
	1.6 Load centre	500	500	500	500	500	c (mm)
	1.8 Load distance	375	375	375	375	375	x (mm)
	1.9 Wheelbase	1503	1503	1503	1503	1503	y (mm)
	2.1 Weight	3260	3295	3440	3475	3570	Kg
WEIGHTS	2.2 Axle loading, front/rear: laden	3930 / 930	3930 / 965	4825 / 615	4825 / 650	4935 / 635	Kg
	2.3 Axle loading, front/rear: unladen	1640 / 1620	1640 / 1655	1660 / 1780	1660 / 1815	1770 / 1800	Kg
	2.3 Axle loading, front/rear: unladen	1640 / 1620	1640 / 1655	1660 / 1780	1660 / 1815	1770 / 1800	Kg
EQUIPMENT	3.1 Tyres: superelastic (SE), cushion (C), pneumatic (PN)	SE / C / PN	SE / C / PN	SE / C / PN	SE / C / PN	SE / C / PN	SE / C / PN
	3.2 Tyre size, front	18x7-8	18x7-8	200 / 50-10	200 / 50-10	200 / 50-10	200 / 50-10 ①
	3.3 Tyre size, rear	16x6-8	16x6-8	16x6-8	16x6-8	16x6-8	16x6-8 ②
	3.5 Wheels: number front/rear (x=driven wheel)	2x/2	2x/2	2x/2	2x/2	2x/2	2x/2
	3.6 Track width, front	954	954	924	924	924	b10 (mm) ③
	3.7 Track width, rear	838,5	838,5	838,5	838,5	838,5	b11 (mm) ④
	3.7 Track width, rear	838,5	838,5	838,5	838,5	838,5	b11 (mm) ④
BASIC DIMENSIONS	4.1 Max. tilt of mast/fork carriage forward/backward (α - β)	3° / 8°	3° / 8°	3° / 8°	3° / 8°	3° / 8°	Degrees
	4.2 Lowered mast height	2165	2165	2165	2165	2165	h1 (mm)
	4.3 Free lift	-	-	-	-	-	h2 (mm)
	4.4 Lift height	3300	3300	3300	3300	3300	h3 (mm)
	4.5 Extended mast height	3850	3850	3850	3850	3850	h4 (mm)
	4.7 Overhead guard height	1965	1965	1965	1965	2125	h6 (mm)
	4.8 Seat height	895	895	895	895	1052	h7 (mm)
	4.12 Tow coupling height	560	560	560	560	560	h10 (mm)
	4.19 Overall length	3126	3126	3126	3126	3126	ℓ 1 (mm)
	4.20 Length to face of forks	2126	2126	2126	2126	2126	ℓ 2 (mm)
	4.21 Overall width	1110 / 995	1110 / 995	1132 / 995	1132 / 995	1132 / 995	b1/b2 (mm) ⑤
	4.22 Forks dimensions	35 / 100 / 1000	35 / 100 / 1000	35 / 130 / 1000	35 / 130 / 1000	35 / 130 / 1000	s/e/l (mm)
	4.23 Fork carriage ISO 2330, class/type A, B	ISO 2A	ISO 2A	ISO 2A	ISO 2A	ISO 2A	ISO 2A
	4.24 Min. fork carriage width	910	910	910	910	910	b3 (mm)
	4.31 Ground clearance, under mast, laden	85	85	85	85	85	m1 (mm)
	4.32 Ground clearance, centre of wheelbase, laden	110	110	110	110	110	m2 (mm)
	4.33 Aisle width for pallets 1000x1200 (ℓ6xb12), stacking side 1200	3326	3326	3326	3326	3326	Ast (mm) ⑥
	4.34 Aisle width for pallets 800x1200 (b12xℓ6), stacking side 800	3526	3526	3526	3526	3526	Ast (mm) ⑥
	4.35 Turning radius	1751	1751	1751	1751	1751	Wa (mm)
	4.36 Distance from turning centre and truck centre axis	0	0	0	0	0	b13 (mm)
PERFORMANCE DATA	5.1 Travel speed, laden/unladen	15 / 16	15 / 16	15 / 16	15 / 16	15 / 16	Km/h
	5.2 Lift speed, laden/unladen	0.37 / 0.48	0.37 / 0.48	0.37 / 0.48	0.37 / 0.48	0.37 / 0.48	m/s
	5.3 Lowering speed, laden/unladen	0.52 / 0.50	0.52 / 0.50	0.52 / 0.50	0.52 / 0.50	0.52 / 0.50	m/s
	5.5 Drawbar pull, laden/unladen	3090 / 3335	3090 / 3335	3090 / 3335	3090 / 3335	3090 / 3335	daN
	5.6 Max. drawbar pull, laden/unladen	8171 / 8338	8171 / 8338	8171 / 8338	8171 / 8338	8171 / 8338	daN
	5.7 Gradeability, laden/unladen	7.5 / 14	7.5 / 14	7.5 / 14	7.5 / 14	7.5 / 14	%
	5.8 Max. gradeability, laden/unladen	17 / 28	17 / 28	17 / 28	17 / 28	17 / 28	%
	5.9 Acceleration time, laden/unladen	4.2 / 3.7	4.2 / 3.7	4.2 / 3.7	4.2 / 3.7	4.2 / 3.7	s
	5.10 Service brake	hydraulic/electric	hydraulic/electric	hydraulic/electric	hydraulic/electric	hydraulic/electric	hydraulic/electric
	5.10 Service brake	hydraulic/electric	hydraulic/electric	hydraulic/electric	hydraulic/electric	hydraulic/electric	hydraulic/electric
ELECTRIC MOTOR	6.1 Traction motor rating S2 60'	2x3.8	2x3.8	2x3.8	2x3.8	2x3.8	Kw
	6.2 Lift motor rating S3 15%	11	11	11	11	11	Kw
	6.3 Battery according to DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A	DIN 43531 A
	6.4 Rated voltage/capacity 5h	48 / 630-750	48 / 630-750	48 / 630-750	48 / 630-750	48 / 750-930	V/Ah ⑦
	6.5 Battery weight, min./max.	955 / 1100	955 / 1100	955 / 1100	955 / 1100	1263 / 1385	Kg
	6.6 Energy consumption according to VDI cycle	-	-	-	-	-	KWh/h
OTHER	8.1 Type of electronic control	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER	INVERTER
	8.2 Operating pressure for attachments	150	150	150	150	150	bar
	8.3 Oil flow for attachments	-	-	-	-	-	l/min
	8.4 Sound level at driver's ear	< 80 db (A)	< 80 db (A)	< 80 db (A)	< 80 db (A)	< 80 db (A)	db (A)
	8.5 Tow coupling, model/type	-	-	-	-	-	-

BINGOplus N 164 204

LOAD CAPACITY DIAGRAM



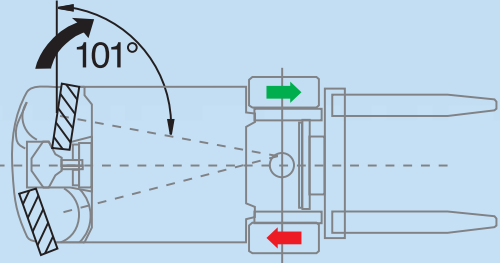
① Optional cushion tyres 457x152-308 for BINGOplus N 164 and 164 CSM - 457x178x308 for BINGOplus N 204, 204 CSM, 204 GA and 204 GA CSM - ② Optional cushion tyres 394x127-254 for BINGOplus N 164 and 164 CSM - 394x152-254 for BINGOplus N 204, 204 CSM, 204 GA and 204 GA CSM - ③ With cushion tyres 948 for BINGOplus N 164 and 164 CSM - 922 for BINGOplus N 204, 204 CSM, 204 GA and 204 GA CSM - ④ With cushion tyres 842.5 - ⑤ With cushion tyres 1100/995 - ⑥ Ast = Wa + x + ℓ6 + a (a = 200 mm.) - ⑦ Other battery capacities upon request. All products manufactured by Montini comply with Machine Directive 2006/42/EC and Directives 2006/95/EC and 2004/108/EC.

YOU WORK FASTER AND MORE PRODUCTIVELY. PROTECTING YOUR HEALTH. BINGO!

MONTINI SUPER STEERING SYSTEM.



Standard rear steering axle up to 101°. Perfect to work in the narrowest spaces with an advanced steering system.



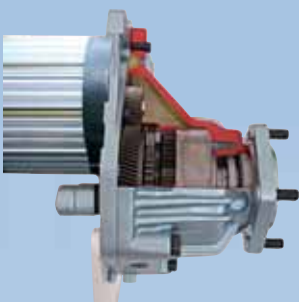
AC TWIN-MOTOR. LESS COSTS, MORE EFFICIENCY, MORE AUTONOMY. With total respect for the environment.



Twin-motor traction and lift motor with MONTIplus electronic technology in Alternating Current (AC).
Advantages:

- maintenance-free;
- reduction of trucks' operating costs;
- greater reliability and efficiency;
- higher motor performance;
- longer battery autonomy;
- no emissions of pollutants into the atmosphere, respecting environmental quality.

SAFER AND QUIETER BRAKING WITH OIL BATH BRAKES.



Standard equipped with gearboxes with oil bath brakes to ensure:

- reduced wear of components;
- greater reliability;
- lower maintenance costs;
- possibility of using the truck in aggressive environments.

DESIGNED TO BE FITTED WITH CAB.



Made of special sections, the overhead guard has been designed to be easily fitted with cab at any time, without modifying or replacing the original structure.

BINGOplus N 164 and 204 may be fitted with a cab:

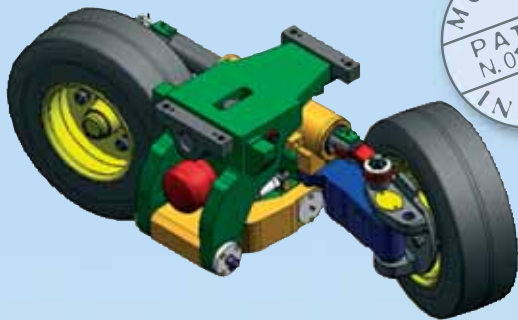
- with complete glass panelling including windows and wipers;
- with front and rear windows, PVC side doors and lexan plate on the overhead guard;
- with or without heating system.

SUPER BATTERY, SUPER WORKING LIFE.



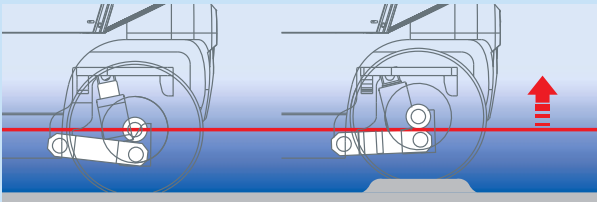
The model BINGOplus N 204 can be supplied also in the GA version, that is equipped with maximum battery 48V/930Ah, to work for longer.

THE ONLY LIFT TRUCK IN THE WORLD WITH SHOCK ABSORBERS.



CSM COMFORT SECURITY MONTINI.

BINGOplus N can be supplied also in the CSM version, with hydropneumatic suspension on the rear steering axle.
The innovative CSM system considerably reduces vibrations to the driver's seat, according to the strict directives on minimum health and safety requirements regarding the exposure of workers to the risks arising from mechanical vibrations. With BINGOplus N CSM working is easier and you can work for longer. With no health problem.



A MAST WITHOUT EQUAL. Great strength and excellent visibility.

The masts with 2 and 3 ton "C" profiles, entirely designed and manufactured by Montini, are machined and hand-ground one by one.

Maximum smoothness, greater stability and safety in big lift heights.

- Sideshift integrated in the fork carriage.
- Sideshift with grease nipples for easier sliding shoes lubrication.
- A broad range of masts, available in DX and TX versions, with total visibility (VT) or with full free lift (ALT), to meet the most varied working requirements and to offer a safe, steady and fast load capacity.
- Excellent visibility in any working condition.
- Optional hydraulic fork positioner integrated in the forklift truck to enable the synchronized movement of the forks without reducing the load capacity.

INNOVATIVE SHAPE AND DESIGN FOR MORE EFFECTIVE AND EASIER WORK.

- Overhead guard slits for maximum visibility when handling loads at medium and big lifts.
- Rear stop lights, reversing lights and reflector to make the truck visible also in not very well-lit environments.
- Functional holder.
- Rounded shaped chassis and overhead guard.

And in addition, a wide range of customized products.

- Working lights, indicators, rear-view mirrors and various accessories.
- Pedalboards.
- Special tyres and tracks.
- Fast couplings for auxiliary attachment.
- Weighing systems.
- Overhead guard version for drive-in.
- Customized painting.



STEERING-WHEEL WITH 2 ADJUSTMENTS: HEIGHT AND TILT.



INNOVATIVE COMFORT.

Optional Grammer seat "Primo L"



BETTER JOYSTICK ERGONOMICS, MORE PRODUCTIVE WORK.



Joystick with 3 or 4 hydraulic functions.

SPECIAL EQUIPMENT.



FOR AREAS
OF EXPLOSION
AND FIRE
DANGER.

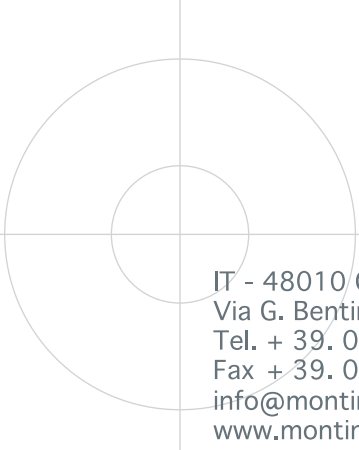


FOR COLD
STORES.



FOR
OCCASIONAL
ROAD DRIVING.





MONTINI

Technology without problems

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