

L213 L215 L218 L220 L223 L225 L230
C227 C232 C238

200 SERIES SKID STEERS LOADERS/COMPACT TRACK LOADERS



	L213	L215	L218	L220	L223	L225	L230
ENGINE POWER	49 hp	60 hp	60 hp	60 hp	74 hp	82 hp	90 hp
OPERATING WEIGHT	2270 kg	2400 kg	2660 kg	2900 kg	3350 kg	3580 kg	3765 kg
RATED OPERATING CAPACITY (@50% OF TIPPING LOAD)	590 kg	680 kg	818 kg	905 kg	1020 kg	1135 kg	1360 kg

	C227	C232	C238
ENGINE POWER	74 hp	82 hp	90 hp
OPERATING WEIGHT	3720 kg	4370 kg	4581 kg
RATED OPERATING CAPACITY (@50% OF TIPPING LOAD)	1225 kg	1451 kg	1723 kg



BUILT AROUND YOU

L213/L215/L218/L220/L223/

200 SERIES SKID STEER LOADERS & C



**THE BEST BOOM
ON THE MARKET!**

**MANY
ATTACHMENTS
TO EXPAND
YOUR BUSINESS
OPPORTUNITIES!**

L225/L230/C227/C232/C238

OMPACT TRACK LOADERS



**A COMFORTABLE
AND SAFE
WORKSPACE!**

**BEST-IN-CLASS
SERVICEABILITY!**

**LONG WHEELBASE:
SUPERIOR
STABILITY**

THE BOOM



VERTICAL BOOM GEOMETRY

BEST-IN-CLASS DUMP HEIGHT AND REACH

The re-designed vertical lift geometry of the SUPER BOOM® enables operators to load material right in the centre of the truck bed. In addition, its pivot point is very close to the machine's centre of gravity, resulting in exceptional stability of the machine at work. The patented New Holland SUPER BOOM® is standard on L218; L220; L223; L225; C232 and C238.

RADIAL BOOM GEOMETRY



UNPARALLELED DIGGING EFFICIENCY

L213, L215 and C227 with their radial-lift boom geometry are ideal for digging and pushing. Productivity is boosted by their outstanding breakout force and the geometry of the arm, which ties it directly into the chassis ensuring more pushing power. Radial models are also suitable for applications where maximum reach is needed at medium height; for example at 719 mm height the reach is 1.109 mm!

SUPERIOR STABILITY

ROCK-SOLID STABILITY

New Holland skid steer loaders have a long wheelbase, which combined with a low center of gravity and a correct front-to-rear weight distribution, result in a smooth and stable ride.



NO BOUNCE WITH GLIDE RIDE

The Glide Ride optional feature prevents the arm from bouncing when travelling on rough terrain, ensuring the bucket stays full and enhancing operator comfort.



LOADING EFFICIENCY WITH SELF-LEVELLING

The optional self-levelling system provides increased attachment control since the bucket stays parallel to the ground during loader raise operations, preventing material spillage and increasing precision on load handling operations.

THE TRACK LOADERS



MASTERS OF SLIPPERY TERRAINS

Our dozer-style undercarriage is engineered to hold fast on steep slopes and take command of muddy or sandy terrain. The undercarriage has a rigid track frame with fewer moving parts, so it is more durable and easier to maintain than suspension track systems.

COMPACT TRACK LOADERS “GET THINNER”

Our new chassis is narrower; all our compact track loaders from C227 to C238 are less than 2 meters wide. This makes it easy to load and unload the machine on trailers for easy transportation.



SMART UNDERCARRIAGE TECHNOLOGY

Avoid de-tracking!

Avoid de-tracking on inclines with the crawler-style rollers that have a larger inner diameter flange positioned between the track tabs.

Easy track clean-out!

The elevated drive sprocket increases component life by keeping the motor assembly out of material and moisture.

A lifetime undercarriage!

Sealed oil lubricated rollers and idlers grant an extended life of the undercarriage.

THE HYDRAULICS

HYDRAULIC POWER TO HANDLE ANY ATTACHMENT

200 Series offer many choices in terms of auxiliary hydraulics, providing great versatility by powering a wide variety of hydraulic attachments.



STANDARD FLOW:

The standard flow package is included on every machine (standard feature) and is able to handle most common hydraulic attachments.

HIGH-FLOW:

up to 55% more flow to manage certain attachments that require more hydraulic power to work properly such as cold planers, wheel excavators or small mulchers.

ENHANCED HIGH-FLOW (EHF):

This optional feature (only available on L230 and C238) increases the pressure in the auxiliary hydraulic system by 70 bar, while flow remains constant. Powerful piston pumps required to generate such high pressure, allow you to use large cold planers, mulchers and other rotating motorized implements. The EHF option (Option Package 7) includes also a second auxiliary hydraulic circuit for applications requiring multiple movements simultaneously. Hydraulic power boost is activated just by pressing the HP (High Pressure) button on the left pillar of the machine.

The second auxiliary circuit can also be ordered as an after-market DIA Kit on L218 and larger models



A DELUXE CAB



COMFORT CAB

The new cab offers best-in-class comfort, with plenty of head and leg room. The good news is that the wide cab is standard on every model, big or small.



The flat floor gives more freedom to your feet. The mechanical suspension or heated air suspension seats add to the operator's comfort. On the models with the front door the cab is sealed and pressurised, this means that dust and water stay outside and the noise level is significantly reduced.



CONTROLS BUILT AROUND YOU

Operators who are used to controlling directly the hydraulic pumps have the choice of hand- or foot-controlled mechanical controls.

Electro-hydraulic switchable controls are optional on all models. What's more, electro-hydraulic controls' settings can be modified from the instrument cluster increasing or decreasing machine, boom and bucket speed, or simply making the joysticks more or less reactive. Even the driving pattern can be switched from ISO to H-pattern just by clicking one button, adapting to operator's preferences and habits.

SUPERIOR VISIBILITY

TWICE THE VISIBILITY AROUND THE WORKSITE MEANS... SAFETY!

Front visibility: Not only is the cab very wide, also the threshold has been lowered to give excellent visibility on the cutting edge of the bucket.

Side visibility: the much larger side windows allow you to keep an eye on the wheels or tracks, and therefore have full control over the machine providing great visibility to the outside as well. Thinner side screen grids and front pillars also contribute to the outstanding visibility.

Rear visibility: the rear window is even bigger than before!

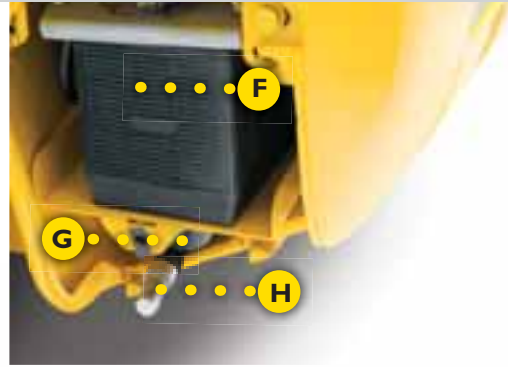
Sky view: the see-through area on the cab roof provides a clear view to the bucket, even when it is positioned at full height. Thanks to stability and visibility our machines are safer. Jump in, you will see it for yourself!



INSTRUMENT DISPLAY AT EYE LEVEL

Our machine has been designed in a way that allows you to keep an eye on your bucket or attachment and check the machine display at the same time!

EASY MAINTENANCE



- A - Hydraulic oil fill
- B - Engine oil fill
- C - Air filter
- D - Fuel fill
- E - Engine oil check
- F - Battery

- G - Engine oil filter
- H - Engine oil drain

EASY ACCESS

When routine maintenance is easy it gets done!
The service points are grouped and easily accessible from the rear compartment door.

TWO BOLTS AND THE CAB IS UP!

The cab tilting system is very simple and only requires the release of two bolts: the new flip-top cab tilts forward for complete component access.





SAFETY IS A PRIORITY

The boom can be locked in the upper position from inside the cab allowing maintenance to be carried out safely. When the cab is tilted an automatic system locks it granting operator's safety.



CONVENIENT BATTERY ACCESS AND GREASING POINTS

The battery and engine oil are very easy to replace and are easily accessed by removing a cover on the left side of the rear quarter. Changing the engine and hydraulic oil has never been so easy with the lateral drain hoses!

THE ATTACHMENTS

200 SERIES GIVE YOU MANY BUSINESS OPPORTUNITIES

New Holland skid steer loaders and compact track loaders are masters of versatility, since they can tackle with ease an astonishing variety of tasks thanks to the wide range of attachments available



WHEEL EXCAVATOR



WHEEL WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
130	150-450	1155	High	L223 and bigger
130	200-600	1260	High	L223 and bigger

APPLICATION: Trenching jobs on hard, compact materials like asphalt and concrete, digging trenches on roads or in areas where movement is restricted.

WHEEL COMPACTOR



WHEEL WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
200-250 300-350-400	0-750	550	Std	L223 and bigger

APPLICATION: Compacting the bed of a trench before adding an asphalt surface layer.

ASPHALT FLOAT



WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
1900	N.A.	620	Std	L218 and bigger

APPLICATION: Backfilling of trenches and widening road surface while maintaining the road's original gradient.



CONNECT UNDER PRESSURE

The attachments are easy and fast to change with the standard Connect Under Pressure feature. Pressure is automatically released when the auxiliary line is disconnected. No wrenches are needed. In addition, the optional hydraulic attachments coupler increases uptime and productivity on the jobsite by allowing operators to exchange attachment quickly and safely without getting off the cab.



PLANER



WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
350	0 - 110	590	Std	L218 and bigger
450	0 - 150	790	High	L218/L220/C227
600	0 - 170	950	High	L223 and bigger
1.000	0 - 130	1.090	High	L223 and bigger

APPLICATION: Planing on asphalt or concrete. Overlaying road, industrial and courtyard surfaces. Maintenance of stretches of road. Restoration of damaged, bumpy or worn surfaces.

BROOM BUCKET



WIDTH (mm)	WEIGHT (kg)	COMPATIBLE NH MOD.
1525	225	L213 L215
1680	278	L218 L220
1850	460	L218 and bigger
2080	522	L223 and bigger

APPLICATION: Clearing yards, roads, footpaths, etc. Also efficient for snow clearance.

THE ATTACHMENTS



BACKHOE



WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
1500	2275	700	Std	L220 and smaller
1500	3000	790	Std	L218 and bigger
1500	3500	860	Std	L223 and bigger

APPLICATION: Creation of trenches, foundations, drain and irrigation channels, etc. in private or public constructions, both for new or maintenance jobs.

CEMENT MIXER



WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
1250	200	280	Std	L213-L215
1500	300	300	Std	L218 and bigger
1660	350	380	Std	L223 and bigger
1700	400	450	Std	C232-C238

APPLICATION: Production of cement for civil construction in isolated or difficult-to-access areas, or with limited availability of electric energy.

COMPACTION ROLLER



WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
1100	N.A.	787	Std	All

APPLICATION: Ground preparation through compaction of earth, gravel, sand, etc.



FARM FORK



WIDTH (mm)	WEIGHT (kg)	COMPATIBLE NH MOD.
1525	153	L213-L215
1680	170	L218-L220
1850	185	L218 and bigger
2080	242	L223 and bigger

APPLICATION: General farm yard applications.

FORK AND GRAPPLE



WIDTH (mm)	WEIGHT (kg)	COMPATIBLE NH MOD.
1525	250	L213-L215
1680	260	L218-L220
1850	310	L218 and bigger
2080	380	L223 and bigger

APPLICATION: "Mucking out" bale and silage handling. Also suitable for industrial applications.

BALE SPIKE



FORK LENGTH (mm)	WEIGHT (kg)	COMPATIBLE NH MOD.
980	79	All

APPLICATION: Handling of round bales.

THE ATTACHMENTS



WIDE RANGE OF BUCKETS



DIRT & FOUNDRY
LOW PROFILE
LOW PROFILE EXTENDED
HEAVY DUTY
MANURE/SLURRY
LIGHT MATERIAL

WIDTH (mm)	COMPATIBLE NH MOD.
1525	L218-L220
1680	L218-L220
1830	L223-L225
1850	L223-L225-C227
2080	L223 and bigger

APPLICATION: Digging, excavating, grading, material handling.

4XI MULTIPURPOSE BUCKET



WIDTH (mm)	WEIGHT (kg)	COMPATIBLE NH MOD.
1525	253	L213-L215
1680	283	L218-L220
1850	340	L218 and bigger
2080	435	L223 and bigger

APPLICATION: Applications as conventional bucket, grab for back filling or as a dozer.

HIGH TIP BUCKET



WIDTH (mm)	WEIGHT (kg)	COMPATIBLE NH MOD.
1525	364	L213-L215
1680	285	L218-L220
1850	352	L218 and bigger
2080	496	L223 and bigger

APPLICATION: Increase dump height by 800 to 1.200 mm.

PALLET FORK



FORK LENGTH (mm)	WEIGHT (kg)	COMPATIBLE NH MOD.
1000	160	C227 and smaller
1100	164	C227 and smaller
1200	168	All

APPLICATION: Handling of palletized loads.



Not all the attachment range is listed in this brochure, for complete list check P&S attachment catalogue.

HAMMERS



WIDTH (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
N.A.	N.A.	160	Std	L213 L215
N.A.	N.A.	210	Std	L213 L215
N.A.	N.A.	275	Std	L218 and bigger
N.A.	N.A.	370	Std	L223 and bigger
N.A.	N.A.	505	High	L223 and bigger

APPLICATION: Concrete demolition jobs, trenching and general excavation work.

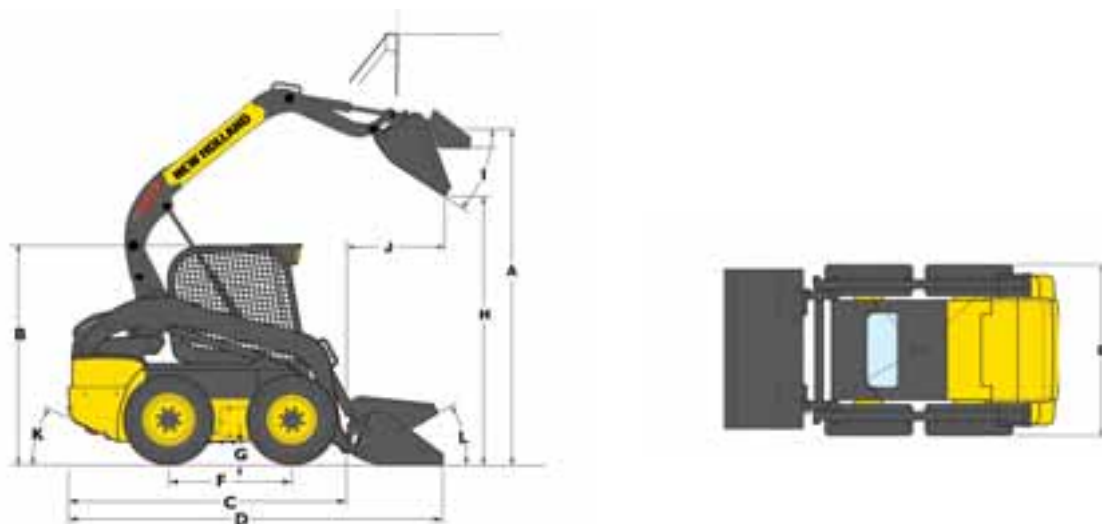
AUGER (STD FLOW) / AUGER (HIGH FLOW)



AUGER MAX DIAM. (mm)	DEPTH (mm)	WEIGHT (kg)	FLOW	COMPATIBLE NH MOD.
760	1200	20-175	Std	All
900	1200	30-225	High	L218 and bigger with High Flow

APPLICATION: Boring of holes in the ground such as telegraph poles, electricity pylons, signposts, metallic frame pillars, tree and shrub planting.

DIMENSIONS



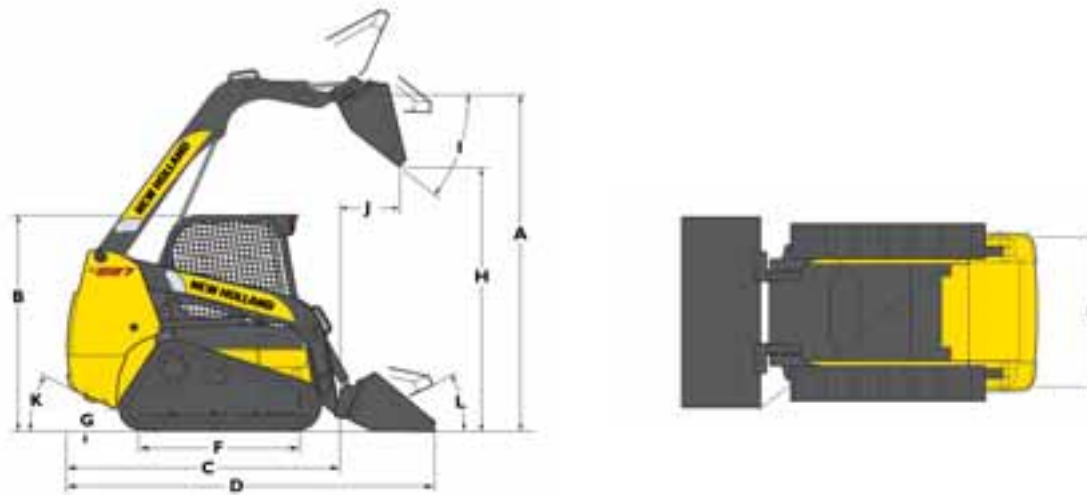
		L213	L215	L218	L220	L223
A - Height to Bucket Hinge Pin	mm	2845	2845	3048	3073	3290
B - Height to Top of ROPS	mm	1919	1919	1974	1998	2002
C - Length without attachment	mm	2435	2435	2685	2685	2993
D - Length with bucket *	mm	3028	3028	3352	3338	3631
E - Overall Width	mm	1518	1518	1678	1755	1768
F - Wheelbase	mm	941	941	1128	1128	1322
G - Ground Clearance	mm	178	178	178	203	203
H - Dump height *	mm	2246	2246	2377	2402	2615
I - Dump Angle	°	40	40°	52°	52°	55°
J - Dump Reach @ Max Height	mm	469	469	783	758	820
Dump Reach @ Max Height with LPE Bucket	mm	675	675	946	921	985
K - Angle of Departure	°	22	22	23	25	24
L - Rollback Angle (Bucket on Ground)	°	26	26	35	34	34

*With D&F Bucket L230 equipped with 14x17,5 tyres

SPECIFICATIONS

		L213	L215	L218	L220	L223
PERFORMANCE SPECS						
Rated Operating Capacity 50%	kg	590	680	818	905	1020
ROC with counterweights 50%	kg	635	725	863	950	1110
Tipping Load	kg	1179	1361	1633	1814	2041
Lift Cylinder Breakout Force*	kN	13.0	14.0	11.7	15.3	22.6
Bucket Cylinder Breakout Force*	kN	18.6	18.6	24.7	32.5	38.3
ENGINE						
Engine Brand		ISM	ISM	ISM	ISM	FPT
Displacement	l	2.2	2.2	2.2	2.2	3.2
Horsepower	hp	49 hp @ 2.800 rpm	60 hp @ 2.800 rpm	60 hp @ 2.800 rpm	60 hp @ 2.800 rpm	74 hp @ 2.500 rpm
Peak torque	Nm	143 Nm @ 1.800 rpm	171 Nm @ 1.800 rpm	171 Nm @ 1.800 rpm	171 Nm @ 1.800 rpm	275 Nm @ 1.400 rpm
TRAVEL SPEED						
Low Range	km/h	12.7	12.7	12.7	12.7	11.3
High Range (Optional)	km/h	NA	NA	18.0	18.0	16.9
HYDRAULIC SYSTEM						
Pump flow	LPM	59	59	72	72	85
Optional high flow	LPM	N/A	N/A	109	109	131
Relief Pressure	bar	210	210	210	210	210
WEIGHTS						
Operating Weight	kg	2300	2430	2690	2930	3350
Shipping Weight	kg	2160	2300	2550	2795	3200
SERVICE CAPACITY						
Fuel Tank	l	60.5	60.5	75.5	75.5	96.5

* Breakout forces estimated considering both tip and hydraulic limits.



		L225	L230	C227	C232	C238
A - Height to Bucket Hinge Pin	mm	3290	3330	3124	3330	3330
B - Height to Top of ROPS	mm	2002	2042	1998	2043	2043
C - Length without attachment	mm	2986	2986	2669	2993	2986
D - Length with bucket *	mm	3624	3624	3292	3631	3624
E - Overall Width	mm	1768	1930	1676	1930	1930
F - Wheelbase	mm	1322	1322	NA	NA	NA
G - Ground Clearance	mm	203	243	203	243	243
H - Dump height *	mm	2615	2655	2495	2655	2655
I - Dump Angle	°	55	55	40°	55°	55°
J - Dump Reach @ Max Height	mm	820	780	568	864	864
Dump Reach @ Max Height with LPE Bucket	mm	985	944	747	1039	1039
K - Angle of Departure	°	24	27	32	32°	32°
L - Rollback Angle (Bucket on Ground)	°	34	33	31	33°	33°

*With D&F Bucket L230 equipped with 14x17,5 tyres

		L225	L230	C227	C232	C238
PERFORMANCE SPECS						
Rated Operating Capacity	kg	1135	1360	50%:1225 / 35%:859	50%:1451 / 35%:1018	50%:1723 / 35%:1209
ROC with counterweights	kg	1225	1450	50%:1280 / 35%:899	50%:1676 / 35%:1203	50%:1948 / 35%:1394
Tipping Load	kg	2268	2722	2449	2902	3447
Lift Cylinder Breakout Force*	kN	22.6	28.2	27.0	21.5	27.2
Bucket Cylinder Breakout Force*	kN	38.3	38.3	32.3	33.4	32.7
ENGINE						
Engine Brand		FPT	FPT	FPT	FPT	FPT
Displacement	l	3.2	3.2	3.2	3.2	3.2
Horsepower	hp	82 hp @ 2.500 rpm	90 hp @ 2.500 rpm	74 hp @ 2.500 rpm	82 hp @ 2.500 rpm	90 hp @ 2.500 rpm
Peak torque	Nm	305 Nm @ 1.400 rpm	340 Nm @ 1.400 rpm	275 Nm @ 1.400 rpm	305 Nm @ 1.400 rpm	340 Nm @ 1.400 rpm
TRAVEL SPEED						
Low Range	km/h	11.3	12.4	8.2	8.2	8.2
High Range (Optional)	km/h	16.9	18.5	12.2	12.2	12.2
HYDRAULIC SYSTEM						
Pump flow	LPM	85	87	85	85	85
Optional high flow	LPM	131	131	117	131	131
Relief Pressure	bar	210	210	210	210	210
WEIGHTS						
Operating Weight	kg	3580	3765	3750	4370	4581
Shipping Weight	kg	3430	3610	3615	4220	4430
SERVICE CAPACITY						
Fuel Tank	l	96.5	96.5	75.5	96.5	96.5

* Breakout forces estimated considering both tip and hydraulic limits.

PARTS AND SERVICE

The New Holland dealer network is, in itself, the best guarantee of continued productivity for the machines it delivers to its customers. New Holland service technicians are fully equipped to resolve all maintenance and repair issues, with each and every service point providing the high standards they are obliged to observe under New Holland's stringent quality guidelines. The New Holland global parts network ensures fast, reliable, replacement parts for less downtime, increased productivity and, of course, profitable operation for its customers.



AT YOUR OWN DEALERSHIP

The information contained in this brochure is intended to be of general nature only. The NEW HOLLAND CONSTRUCTION MACHINERY S.p.A. company may at any time and from time to time, for technical or other necessary reasons, modify any of the details or specifications of the product described in this brochure. Illustrations do not necessarily show products in standard conditions. The dimensions, weights and capacities shown herein, as well as any conversion data used, are approximate only and are subject to variations within normal manufacturing techniques.

Published by NEW HOLLAND CONSTRUCTION MACHINERY S.p.A.
Printed in Italy - MediaCross Firenze - Cod **AME4101NCGB** - Printed 02/14

Printed on recycled paper
CoC-FSC 000010 CQ Mixed sources

