

SMART FARMING

20I20 and ISOBUS – precise, smart and simple.



ISOBUS

All the general functions – including the LoadLogic weight management system, tyre inflation system, fan control, machine folding/unfolding system and the toolbar lift/lower mechanism – are operated via ISOBUS. You can monitor the level of the seed and fertiliser tank on the ISOBUS screen.



Maximum possibilities

So you can enjoy the best of everything Fendt MOMENTUM has to offer, data on each individual row unit is collected, recorded, analysed and visualised in real-time. This means the machine can be constantly optimised to the given conditions to achieve the ultimate working quality. The computing power is provided by the 20I20 terminal. All machine data is clearly displayed on the terminal. You can customise the display area to suit your personal requirements.

Everything in sight

The 20I20 terminal provides the driver with the best possible overview of the current singulation accuracy, vacuum, coulter downforce, planting depth, seed placement, population and liquid fertilisation. If there are any errors, the system helps with troubleshooting. You can set specific alarms and warning parameters so you are notified if thresholds are not met.

The next level

The 20I20 terminal allows different speeds of metering from each specific row unit. This forms the basis for curve compensation, which ensures that exact seed-to-seed distances also apply to curves. You can set SectionControl and VariableRateControl on the 20I20 terminal. This ensures that there is no overlap and the seed output rate and fertiliser volumes can follow a soil application map. The data is documented for your records. Export the recorded data onto a USB stick or tablet for later analysis or seed variety reports.

FENDT MOMENTUM

Equipment variants and technical details.

		MOMENTUM 16	MOMENTUM 24
Weights and measures			
Working width	m	11.2	16.8
Number of rows		16	24
Row spaces	cm	70	70
Frame width	m	12.0	18.0
Transport width	m	3.6	3.6
Transport height	m	3.5	3.5
Transport length	m	12.7	14.3
Weight without fertiliser option	kg	10380	12970
Weight including fertiliser option	kg	10840	13425

		MOMENTUM 16	MOMENTUM 24
Requirements			
Minimum power required without fertiliser option	PS	200	280
Minimum power required with HighSpeed	PS	250	380
Load-Sensing-System		■	■
Double acting remotes		1	1
Hydraulic requirements (vacuum / frame functions)	l/min	75.0	75.0
Hydraulic requirements (CFS, frame functions, DeltaForce, fertiliser)	l/min	150.0	155.0

		MOMENTUM 16	MOMENTUM 24
Hitch			
2 point Hitch Standard (Category 3/4)		■	■
2 point Hitch High Clearance (Category 3/4)		□	□
Drawbar		□	□

		MOMENTUM 16	MOMENTUM 24
Seed			
Central seed delivery system		■	■
Seed volume	litres	4500	4500

		MOMENTUM 16	MOMENTUM 24
Fertiliser			
Liquid fertiliser volume	litres	3785	3785
Fertilizer application		Conceal	Conceal

		MOMENTUM 16	MOMENTUM 24
Row unit			
Down force range (automatic)	kg	+ 275	+ 275
Seed depth	cm	0 - 11,5	0 - 11,5
Vacuum metering system		■	■

		MOMENTUM 16	MOMENTUM 24
Crops			
Corn		■	■
Sunflower		□	□
Soy		□	□
Beans		□	□
Pumpkins		□	□

		MOMENTUM 16	MOMENTUM 24
Seed tubes			
Wave Vision Sensor		■	■
Bullseye Hi Rate Sensor		□	□
SpeedTube		□	□

		MOMENTUM 16	MOMENTUM 24
Gauge wheel			
Gauge wheels - solid		□	□
Gauge wheels - spoked		□	□
Double disc furrow opener		■	■

		MOMENTUM 16	MOMENTUM 24
Closing systems			
V-press rubber closing wheel		■	■
V-press cast closing wheel		□	□

		MOMENTUM 16	MOMENTUM 24
Row unit accessories			
Residue manager		□	□
Tillage coulters		□	□

		MOMENTUM 16	MOMENTUM 24
Planter control			
Terminal (seed and fert. control)		Gen3 20/20	Gen3 20/20
Frame control		ISOBUS	ISOBUS
Cab control console		□	□

* = depends on country - additional legal constraints may apply