

FALCON STANDARD & GYROSCOPIC*

AN OPTIMIZED SAMPLER,
DESIGNED TO LAST !



Wide sampling area



Optimal grain penetration force



1,9kW to 7,5 kW vacuum turbine (depending
on the sample conveying distance)



Wireless remote control

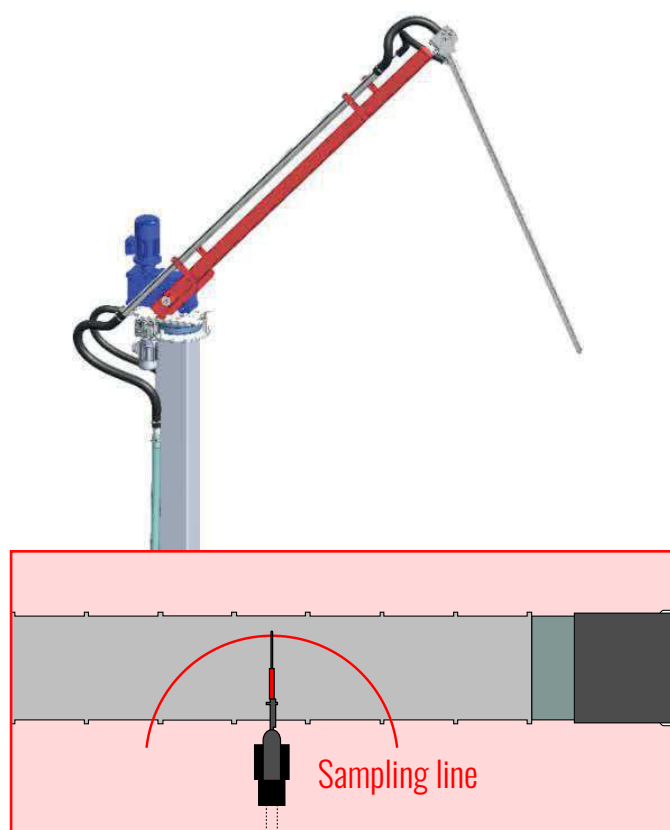


High sampling speed (automatic mode)

**The standard and gyroscopic versions differ above all
in terms of their respective sampling areas.*

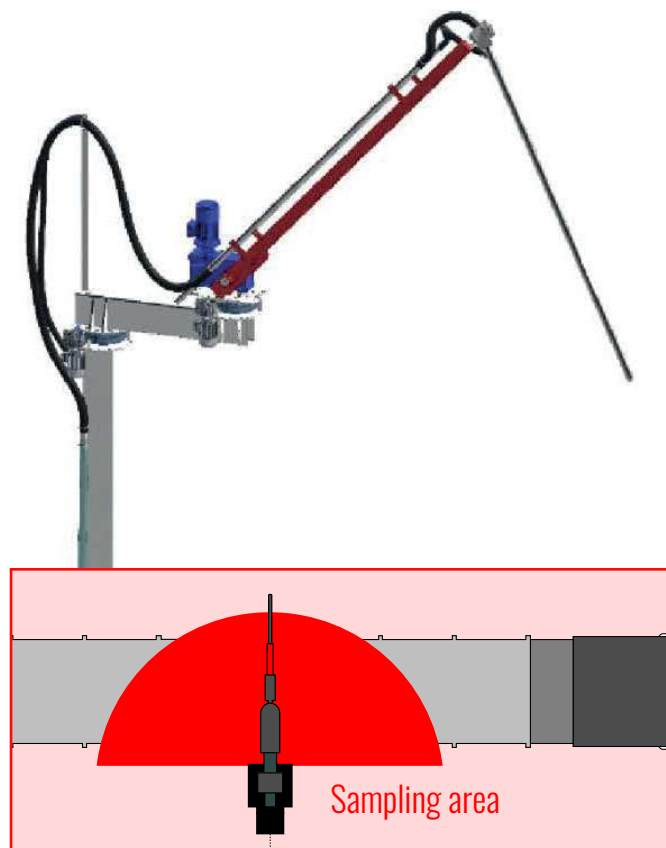
FALCON STANDARD

In its Standard version, Falcon is equipped with one swivel drive gearmotor and one up/down drive gearmotor, all electrically operated.



FALCON GYROSCOPIC

In its Gyroscopic version, Falcon is equipped with 2 swivel drives thus allowing it to cover a wider sampling area.



The gearmotors are controlled through variable frequency drives for torque boost, trailer bottom detection and an adjustable force of penetration.

REPRESENTATIVE, QUICK AND EFFECTIVE SAMPLING !

In addition to being easy to install and use, Falcon adapts to all types of vehicles. For optimal representativeness, the sampler is supplied with a twin-tube probe allowing for core-sampling. The sample is carried from the probe tip to the receiver station in the laboratory in through food-grade antistatic pipes. The suction turbine and the electric enclosure are attached to the pillar.

	STANDARD VERSION	GYRO VERSION
Pillar cross-section	250 mm	250 mm
Swivel drive gearmotor	1 X 0,55 kW	2 X 0,55 kW
Up/Down drive gearmotor	1.1 kW	1.1 kW
Base plate	600 x 600 mm	600 x 600 mm
Sampling radius	2900 mm	4000 mm
Warranty on electrical and mechanical components	3 ans	3 ans
Electric power	400 VAC + N + E 50 Hz	400 VAC + N + E 50 Hz
Turbine power	1.9 kW à 7.5 kW	1.9 kW à 7.5 kW