SoloDrill

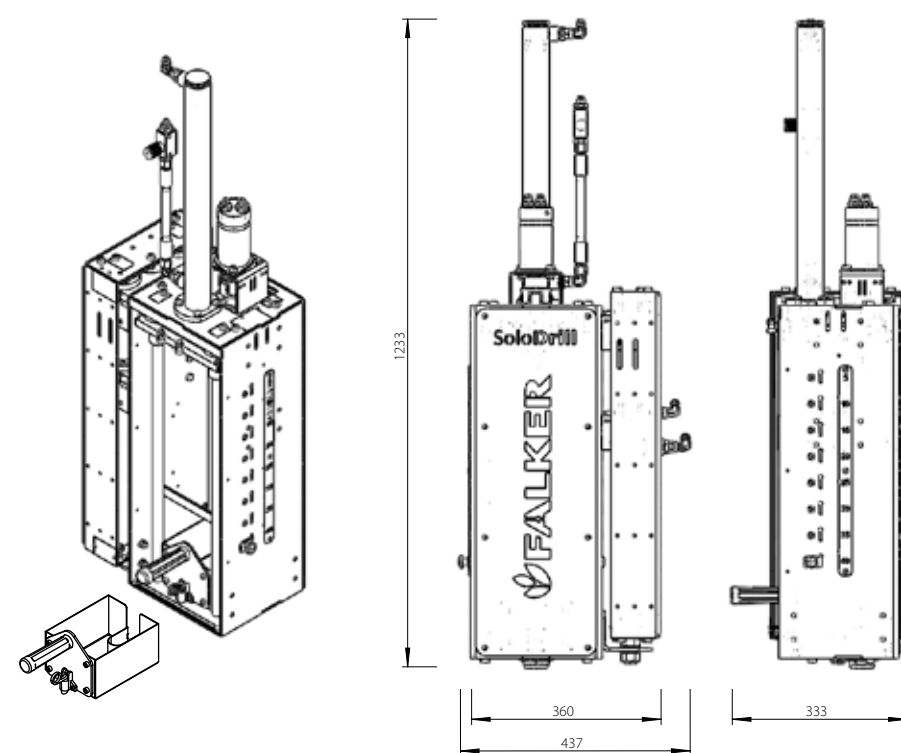|	Hydraulic	Automated
Maximum Sampling Depth	40 cm / 60 cm — adjustable from 5cm to 5cm	40 cm, adjustable every 1 cm via software
Nominal Drill Insertion Speed	Adjustable (2 cm / s recommended)	
Command	3 control levers	Control panel (push button)
Hydraulic Unit	Hydraulic pump driven by: - gasoline stationary engine and electric starter (standard) - engine power outlet (only for Honda TRX420 ATV)	
Drill Rotation Speed	Adjustable (200 to 950 rpm, approximately)	
Drill Diameters	7/8 "or 1"	
Diagnostic Instruments	- Manometer (block pressure) - Thermometer (oil temperature in the tank) - Oil level in the tank - Stationary engine oil level sensor	- Hydraulic fluid pressure and temperature - Pump and drill rotation speed - Instant sampling depth - Instant turret and drill position
System Weight	63 Kg - Sampling tower 66 Kg - Complete Hydraulic Unit Weight of fixings not included. They vary according to the installation.	
Total Equipment Height	125 cm	

Electrical supply for modules
FieldBox and electronics AMS45XX:
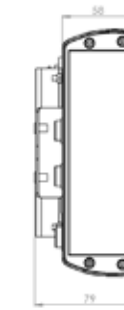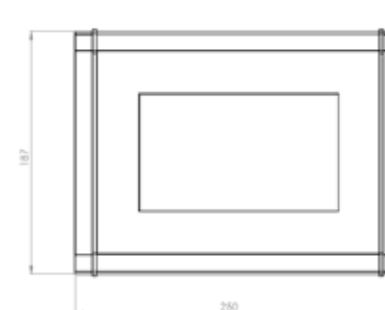Standard 12V
Tolerable 10 to 14V

Auxiliary Technical Information Table

Type of stationary engine oil	20W50 (4T engine oil)
Crankcase oil capacity	0.5 liters
Stationary Engine´s Fuel tank capacity	3.6 liters (3 to 4 hours in full gear)
Oil type - hydraulic system	ISO 68 or ISO 46
Maximum operating pressure of the hydraulic system	120 bar
Maximum oil operating temperature in the hydraulic reservoir	70ºC

FieldBox

	FBX3150
Screen	7 "Touch-screen visible in the sun
Screen Resolution	800x480 pixels
User Interface	Touch-screen
Processor	Quad-core
RAM Memory	1GB
Internal Memory	16GB*
Format of Saved Data	Shape Format
Data Transfer	By USB flash drive
Power	External 12V
Maximum Consumption	1 A
Protection	Water resistant (IP54) **
Weight	2,5 Kg
GPS Communication Protocol	NMEA 0183

* Total memory, partially occupied by the system. User available memory is approximately 12 Gb

** Resistant to water splash, not resistant to water jets or immersion in water. Be careful when transporting and washing the vehicle where the FieldBox is installed.

FALKER MAP

	Basic	Pro
Fertility Maps	✔	✔
Calculation of Recommendation Formulas	✔	✔
Variable Rate Export	✔	✔
Compaction Maps	✔	✔
Printing Multiple Maps	✔	✔
Online Data Protection	✔	✔
High Density Sensor Maps (conductivity, NDVI)	✘	✔
Harvest Maps	✘	✔
Aerial Images	✘	✔
Management Zones (UGDs)	✘	✔*

* Extra module for the Pro version

Technical Information