Quantium ML

Conventional Fuels – Model Details

Tokheim Quantium ML

Model Overview

Tokheim Quality with unrivalled modularity for up to five grades in shared hose cabinet with full hose retraction for long reach

Available also as back-to-back for alternative fuels

Quantium ML
Orientation: Lane (Dual-sided or Single-sided)
Hydraulic System: Suction or Remote Pressure
Grades available: 1 to 5
Nozzles available: 1 to 10
Flow Rates[a] available: 40, 40-70, 70, or 130 LPM
Hose Reach: 4.0m with FHR, 3.5m with LHR
Electronics: TQC pump computer
Metering: P-Meter (Piston). Optional ATC
Vapour Recovery: EVR or CEVR options
Options: Extensive range of optional extras available
Pump Media: 17” Digital screen for T-Media available
Payment: Integrated payment options available

	Length	Width	Height
QML 1-X-1	892	560	2050
QML 2-X-2	1032	560	2050
QML 3-X-3	1412	560	2050
QML 4-X-4	1792	560	2050
QML 5-X-5	2172	560	2050

a) *Flow rates are indicative as actual flow rates depends on the underground fuel installation. Actual flow rates can vary +/- 10% from nominal flow rates.*

Model Configurations (Standard Flow)

Quantium ML	Nomenclature	Model Characteristics	Q510M
1-1-1	1 Grade Out, 1 Nozzle, 1 Hose column	Lane orientation, single-sided. Single delivery 40. 1 SAT A/B (70LPM). 1 Inlet, 1 Hydraulic position	1-1-1
1-2-1	1 Grade Out, 2 Nozzle, 1 Hose column	Lane orientation, dual-sided. Dual delivery 40+40. 2 SAT A+B (70LPM). 1 Inlet, 1 Hydraulic position	1-2-1
2-2-2	2 Grades Out, 2 Nozzles, 2 Hose columns	Lane orientation, single-sided. Single delivery 40/40. 2 Inlets, 2 Hydraulic positions	2-2-2
2-4-2	2 Grades Out, 4 Nozzles, 2 Hose columns	Lane orientation, dual-sided. Dual delivery 40/40+40/40. 2 Inlets, 2 Hydraulic positions	2-4-2
3-3-3	3 Grades Out, 3 Nozzles, 3 Hose columns	Lane orientation, single-sided. Single delivery 40/40/40. 3 Inlets, 3 Hydraulic positions	3-3-3
3-6-3	3 Grades Out, 6 Nozzles, 3 Hose columns	Lane orientation, dual-sided. Dual delivery 40/40/40+40/40/40. 3 Inlets, 3 Hydraulic positions	3-6-3
4-4-4	4 Grades Out, 4 Nozzles, 4 Hose columns	Lane orientation, single-sided. Single delivery 40/40/40/40. 4 Inlets, 4 Hydraulic positions	4-4-4
4-8-4	4 Grades Out, 8 Nozzles, 4 Hose columns	Lane orientation, dual-sided. Dual delivery 40/40/40/40+40/40/40/40. 4 Inlets, 4 Hydraulic positions	4-8-4
5-5-5	5 Grades Out, 5 Nozzles, 5 Hose columns	Lane orientation, single-sided. Single delivery 40/40/40/40/40. 5 Inlets, Hydraulic positions	5-5-5
5-10-5	5 Grades Out, 10 Nozzles, 5 Hose columns	Lane orientation, dual-sided. Dual delivery 40/40/40/40/40+40/40/40/40/40. 5 Inlets, 5 Hydraulic positions	5-10-5

Retail Speed suction use retail capacity (RC) pumping unit

- High Speed (HS) 70 LPM is available as option (not special model config)
- High Speed 40-70 LPM switching is available as option (not special model config)

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Model Configurations (Very High Speed Flow)

Quantium FS	Nomenclature	Model Characteristics	Q510M
1-1-1 1VHS-S	1 Grade Out, 1 Nozzle, 1 Hose column	Lane orientation, single-sided. Single delivery 130. 1 SAT A/B. 2 Inlets, 2 Hydraulic positions	1-1-1 VHS
1-2-1 1VHS-nS	1 Grade Out, 2 Nozzles, 1 Hose column	Lane orientation, dual-sided. Dual delivery 130*+130*. 2 SAT A+B. 2 Inlets, 2 Hydraulic positions	n/a
1-2-1 1VHS-S	1 Grade Out, 2 Nozzles, 1 Hose column	Lane orientation, dual-sided. Dual delivery 130+130. 2 SAT A+B. 2 Inlets, 2 Hydraulic positions	2-2-1
1-2-2 1VHS-S	1 Grade Out (1 shared), 2 Nozzles, 2 Hose columns	Lane orientation, single-sided. Single delivery 130/40. 2 Inlets, 2 Hydraulic positions	1-2-2 VHS
1-4-2 1VHS-nS	1 Grade Out (1 shared), 4 Nozzles, 2 Hose columns	Lane orientation, dual-sided. Dual delivery 130*/40+130*/40. 2 SAT A+B. 2 Inlets, 2 Hydraulic positions	n/a
1-4-2 1VHS-S	1 Grade Out (1 shared), 4 Nozzles, 2 Hose columns	Lane orientation, dual-sided. Dual delivery 130/40+130/40. 2 SAT A+B. 2 Inlets, 2 Hydraulic positions	2-4-2 VHS

Very High Speed applications will use combination of RC & HC pumping units

- 1VHS-S will deliver 130 LPM also when both sides are in use simultaneously
- 1VHS-nS will deliver 90 LPM when both sides are in use simultaneously, but 130 LPM when used singularly. 130* = non-simultaneously

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Model Configurations (Very High Speed Flow)

Quantium FS	Nomenclature	Model Characteristics	Q510M
2-2-2 1VHS-S	2 Grades Out, 2 Nozzles, 2 Hose columns	Lane orientation, single-sided. Single delivery 130/40. 1 SAT A/B. 3 Inlets, 3 Hydraulic positions	n/a
2-4-2 2VHS-S	2 Grades Out, 4 Nozzles, 2 Hose columns	Lane orientation, dual-sided. Dual delivery 130/130+130/130. 2 SAT A+B. 4 Inlets, 4 Hydraulic positions	4-4-2 VHS
2-4-2 1VHS-nS	2 Grades Out, 4 Nozzles, 2 Hose columns	Lane orientation, dual-sided. Dual delivery 130*/40+130*/40. 2 SAT A+B. 3 Inlets, 3 Hydraulic positions	n/a
2-4-2 1VHS-S	2 Grades Out, 4 Nozzles, 2 Hose columns	Lane orientation, dual-sided. Dual delivery 130/40+130/40, 2 SAT A+B. 3 Inlets, 3 Hydraulic positions	3-4-2 VHS
2-3-3 1VHS-S	2 Grades Out (1 shared), 3 Nozzles, 3 Hose columns	Lane orientation, single-sided. Single delivery 130/40/40. 3 Inlets, 3 Hydraulic positions	n/a
2-6-3 1VHS-nS	2 Grades Out (1 shared), 6 Nozzles, 3 Hose columns	Lane orientation, dual-sided. Dual delivery 130*/40/40+130*/40/40. 3 Inlets, 3 Hydraulic positions	n/a
2-6-3 1VHS-S	2 Grades Out (1 shared), 6 Nozzles, 3 Hose columns	Lane orientation, dual-sided. Dual delivery 130/40/40+130/40/40. 3 Inlets, 3 Hydraulic positions	3-6-3 VHS

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Quantium FS	Nomenclature	Model Characteristics	Q510M
3-3-3 1VHS-S	3 Grades Out, 3 Nozzles, 3 Hose columns	Lane orientation, single-sided. Single delivery 130/40/40. 1 SAT A/B. 4 Inlets, 4 Hydraulic positions	n/a
3-6-3 1VHS-nS	3 Grades Out, 6 Nozzles, 3 Hose columns	Lane orientation, dual-sided. Dual delivery 130*/40/40+130*/40/40. 2 SAT A+B. 4 Inlets, 4 Hydraulic positions	n/a
3-6-3 1VHS-S	3 Grades Out, 6 Nozzles, 3 Hose columns	Lane orientation, dual-sided. Dual delivery 130/40/40+130/40/40. 2 SAT A+B. 4 Inlets, 4 Hydraulic positions	4-6-3 VHS
3-4-4 1VHS-S	3 Grades Out (1 shared), 4 Nozzles, 4 Hose columns	Lane orientation, single-sided. Single delivery 130/40/40/40. 4 Inlets, 4 Hydraulic positions	n/a
3-8-4 VHS-nS	3 Grades Out (1 shared), 8 Nozzles, 4 Hose columns	Lane orientation, dual-sided. Dual delivery 130*/40/40/40+130*/40/40/40. 4 Inlets, 4 Hydraulic positions	n/a
3-8-4 1VHS-S	3 Grades Out (1 shared), 8 Nozzles, 4 Hose columns	Lane orientation, dual-sided. Dual delivery 130/40/40/40+130/40/40/40. 4 Inlets, 4 Hydraulic positions	4-8-4 VHS

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Model Configurations (Very High Speed Flow)

Quantium FS	Nomenclature	Model Characteristics	Q510M
4-4-4 1VHS-S	4 Grades Out, 4 Nozzles, 4 Hose columns	Lane orientation, single-sided. Single delivery 130/40/40/40. 1 SAT A/B. 5 Inlets, 5 Hydraulic positions	n/a
4-8-4 1VHS-nS	4 Grades Out, 8 Nozzles, 4 Hose columns	Lane orientation, dual-sided. Dual delivery 130*/40/40/40+130*/40/40/40. 2 SAT A+B. 5 Inlets, 5 Hydraulic positions	n/a
4-8-4 1VHS-S	4 Grades Out 8 Nozzles, 4 Hose columns	Lane orientation, dual-sided. Dual delivery 130/40/40/40/40+130/40/40/40. 2 SAT A+B. 5 Inlets, 5 Hydraulic positions	5-8-4 VHS
4-5-5 1VHS-S	4 Grades Out (1 shared), 5 Nozzles, 5 Hose columns	Lane orientation, single-sided. Single delivery 130/40/40/40/40. 5 Inlets, 5 Hydraulic positions	n/a
4-10-5 1VHS-nS	4 Grades Out (1 shared), 10 Nozzles, 5 Hose columns	Lane orientation, dual-sided. Dual delivery 130*/40/40/40/40+130*/40/40/40. 5 Inlets, 5 Hydraulic positions	n/a
4-10-5 1VHS-S	4 Grades Out (1 shared), 10 Nozzles, 5 Hose columns	Lane orientation, dual-sided. Dual delivery 130/40/40/40/40+130/40/40/40/40. 5 Inlets, 5 Hydraulic positions	5-10-5 VHS
5-5-4 1VHS-S	5 Grades Out, 5 Nozzles, 4 Hose columns	Lane orientation, Asymmetrical dual-sided. Dual delivery 40/40/40/40+130. 1 SAT A/B. 5 Inlets, 5 Hydraulic positions	5-5-4 VHS

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