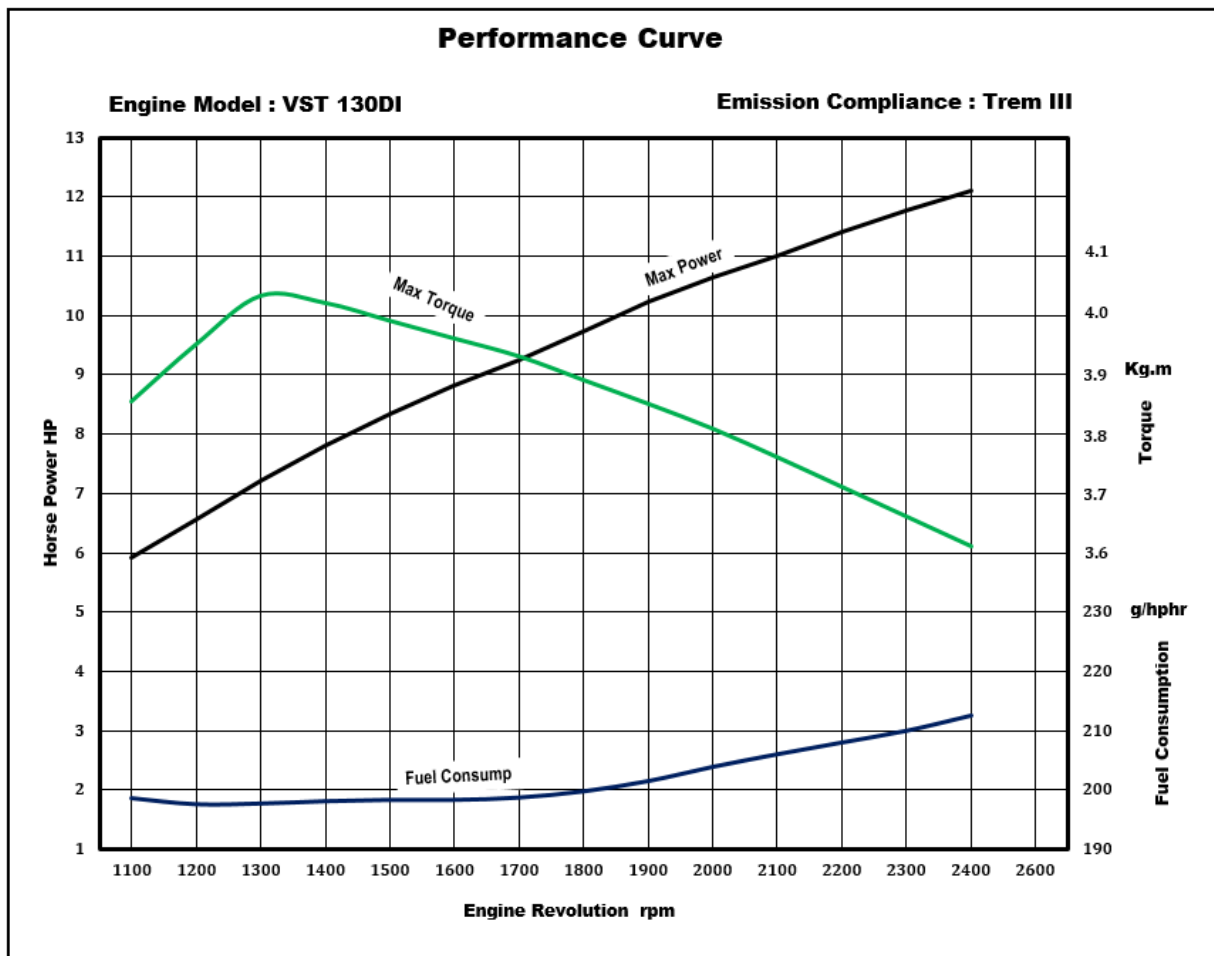


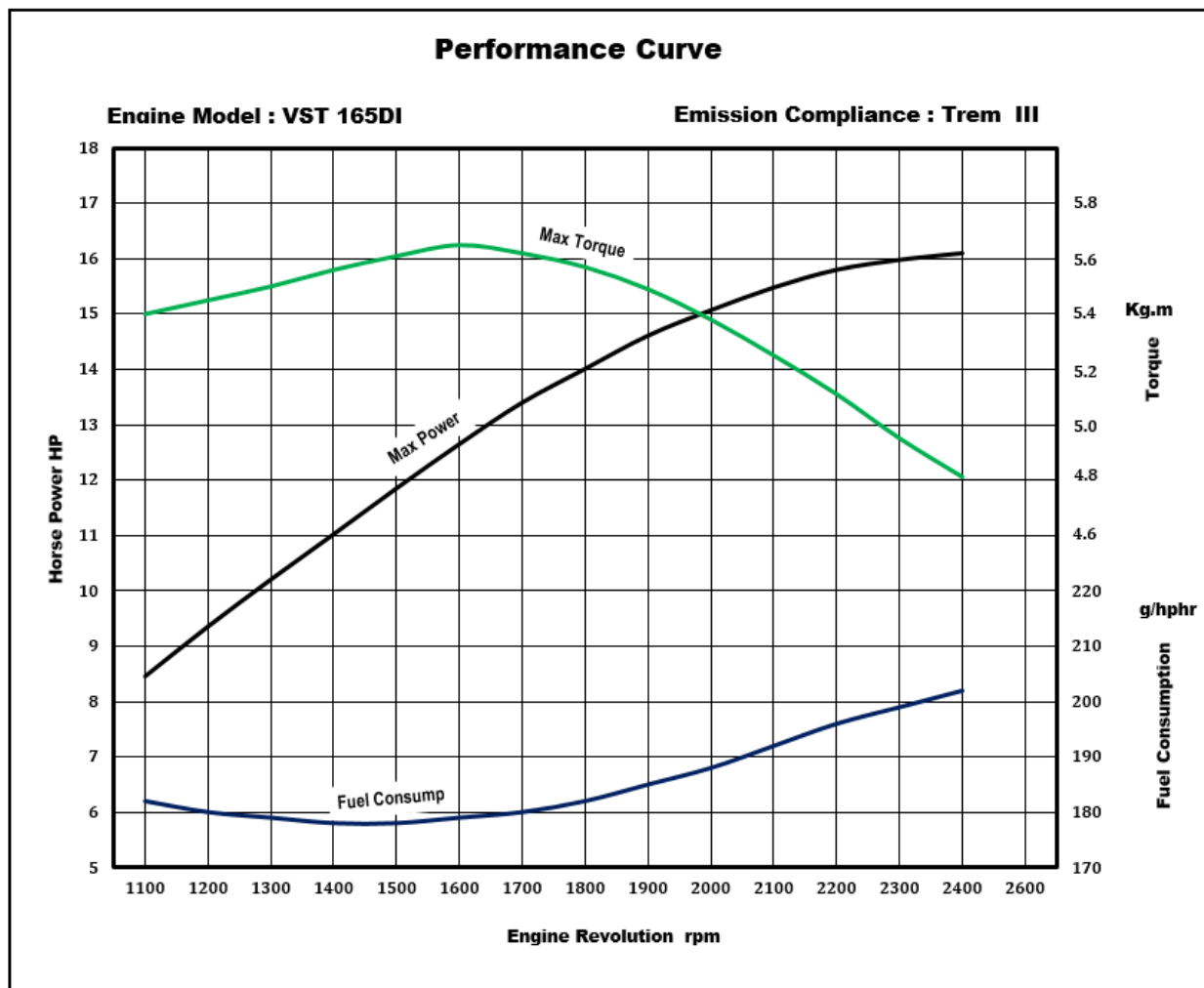
# **VST Engine Performance Report**

Engine Model – VST 130DI		
S.No	Description	Specification
1	Engine Type	NA, Single Cylinder Horizontal Engine
2	Bore (mm )	Ø95
3	Stroke (mm )	95
4	Displacement (CC)	673
5	Type of injection	Direct Injection
6	Rated Power (HP) @ rpm	13@2400
7	Maximum Torque (kgm) @ rpm	4@1300
8	Specific Fuel Consumption (gms/hphr)	190@2400
9	Maximum Speed (rpm )	2600
10	Engine Dry Weight (Kgs)	130
11	Emission Compliance	Trem III



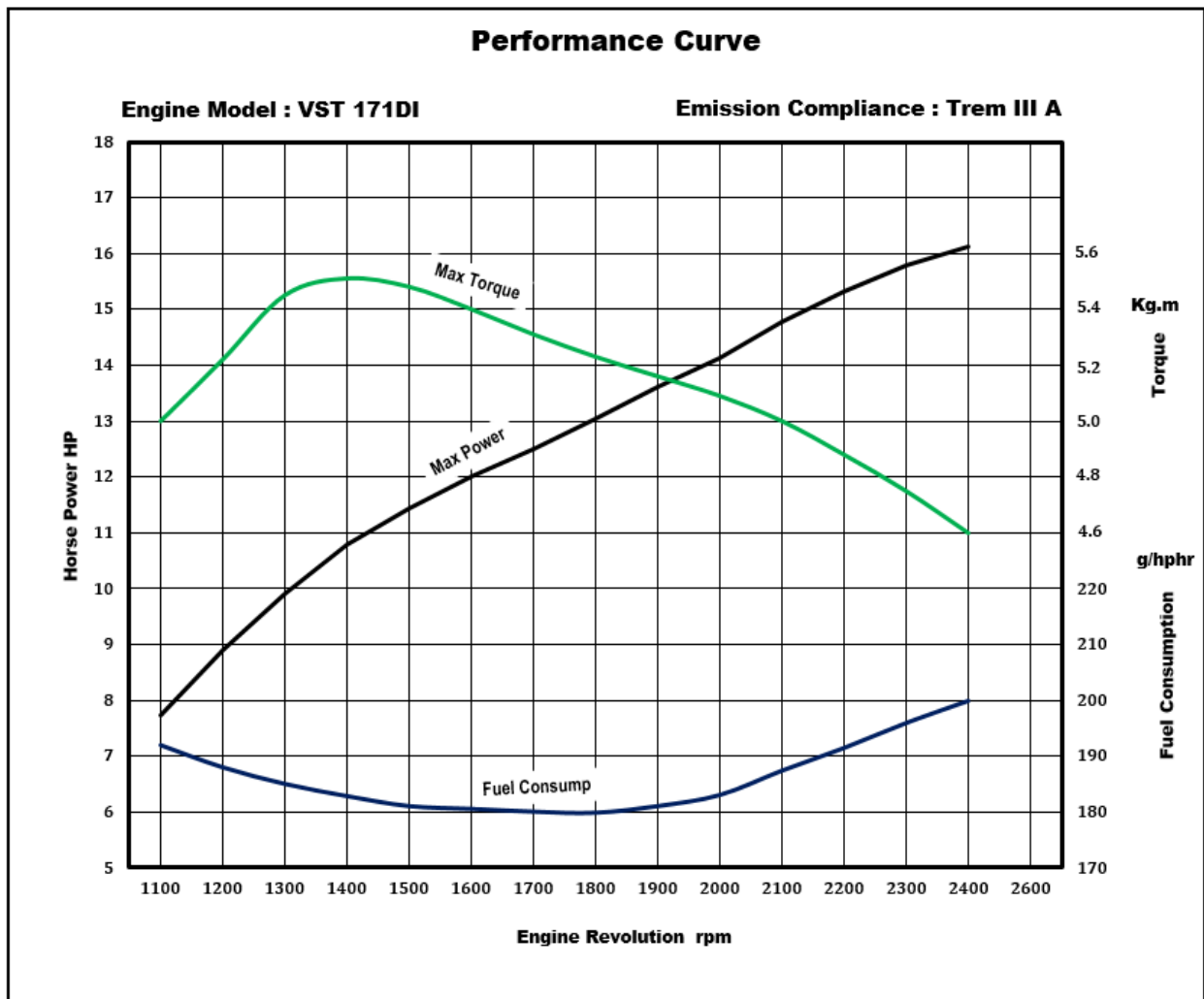
\* Data and Specifications are subject to change without any notice due to continuous product improvement and development

Engine Model – VST 165DI		
S.No	Description	Specification
1	Engine Type	NA, Single Cylinder Horizontal Engine
2	Bore (mm )	Ø102
3	Stroke (mm )	105
4	Displacement (CC)	857
5	Type of injection	Direct Injection
6	Rated Power (HP) @ rpm	16@2400
7	Maximum Torque (kgm) @ rpm	5.5@1600
8	Specific Fuel Consumption (gms/hphr)	200@2400
9	Maximum Speed (rpm )	2600
10	Engine Dry Weight (Kgs)	145
11	Emission Compliance	Trem III



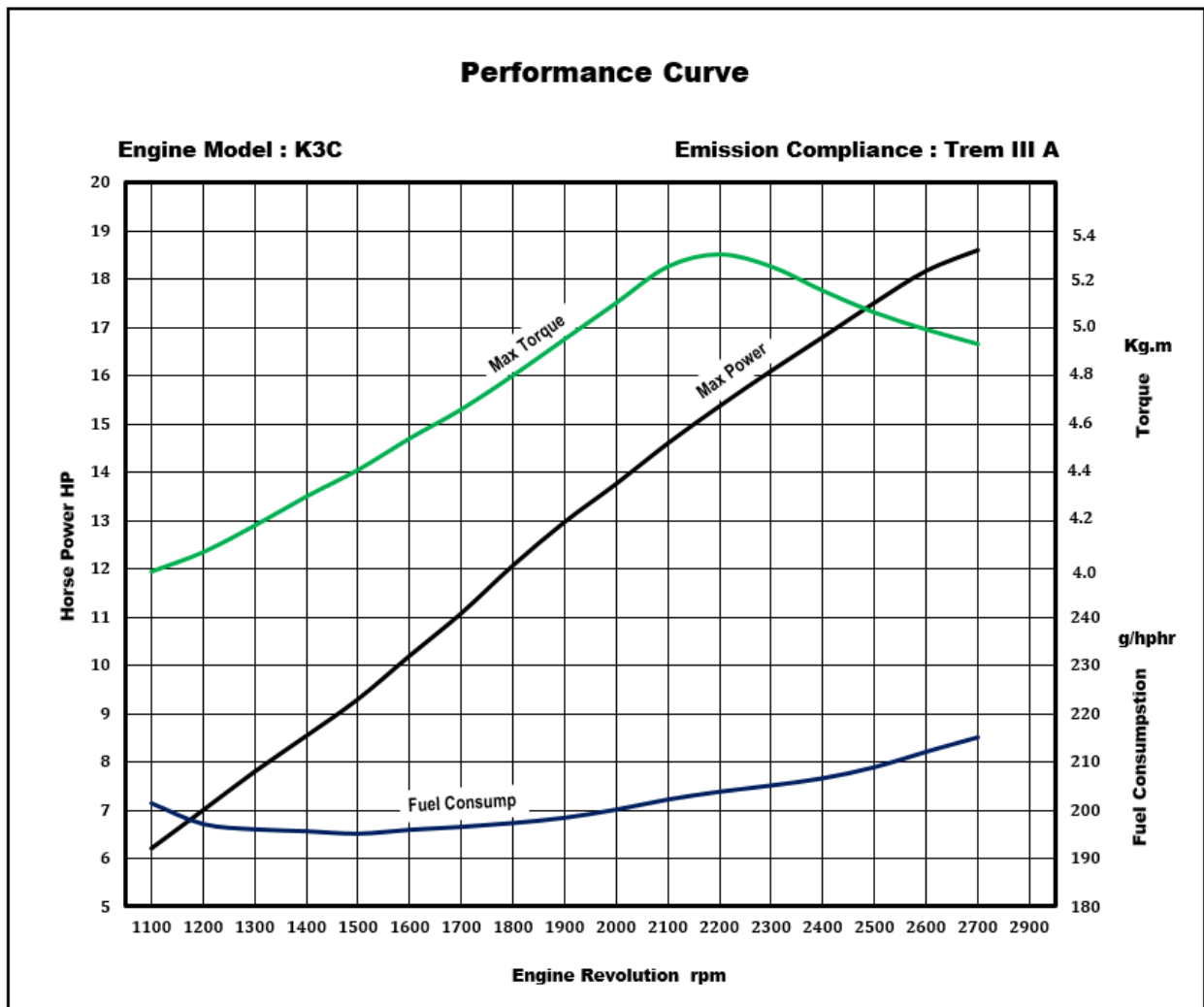
\* Data and Specifications are subject to change without any notice due to continuous product improvement and development

Engine Model – VST 171DI		
S.No	Description	Specification
1	Engine Type	NA, Single Cylinder Vertical Engine
2	Bore (mm )	Ø102
3	Stroke (mm )	105
4	Displacement (CC)	857
5	Type of injection	Direct Injection
6	Rated Power (HP) @ rpm	17@2400
7	Maximum Torque (kgm) @ rpm	5.5@1600
8	Specific Fuel Consumption (gms/hphr)	200@2400
9	Maximum Speed (rpm )	2600
10	Engine Dry Weight (Kgs)	155
11	Emission Compliance	Trem III A



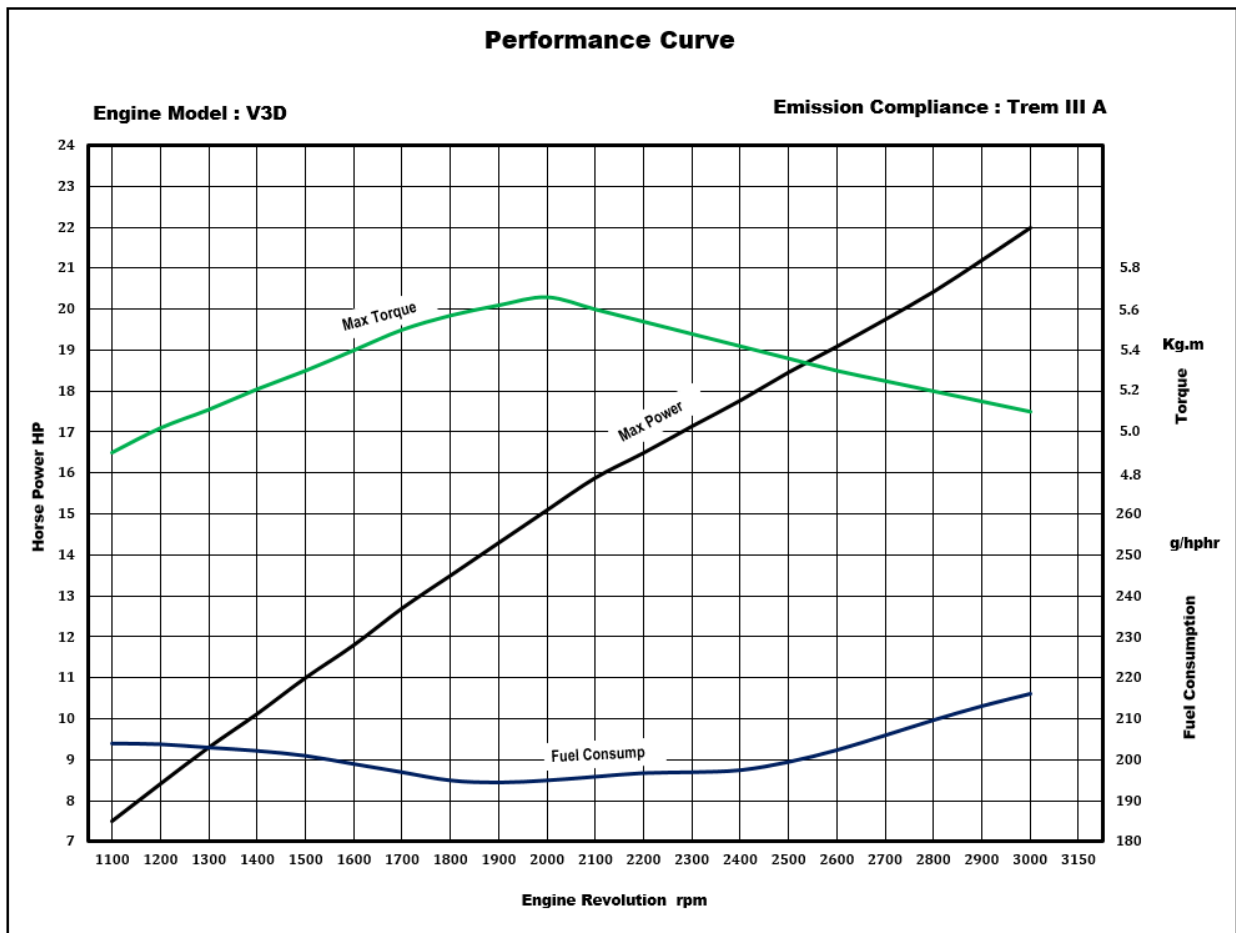
\* Data and Specifications are subject to change without any notice due to continuous product improvement and development

Engine Model – K3C		
S.No	Description	Specification
1	Engine Type	NA, 3 Cylinder Vertical Engine
2	Bore (mm )	Ø70
3	Stroke (mm )	78
4	Displacement (CC)	900
5	Type of injection	Indirect Injection
6	Rated Power (HP) @ rpm	18.5@2700
7	Maximum Torque (kgm) @ rpm	5.3@2200
8	Specific Fuel Consumption (gms/hphr)	220@2700
9	Maximum Speed (rpm )	2900
10	Engine Dry Weight (Kgs)	145
11	Emission Compliance	Trem III A



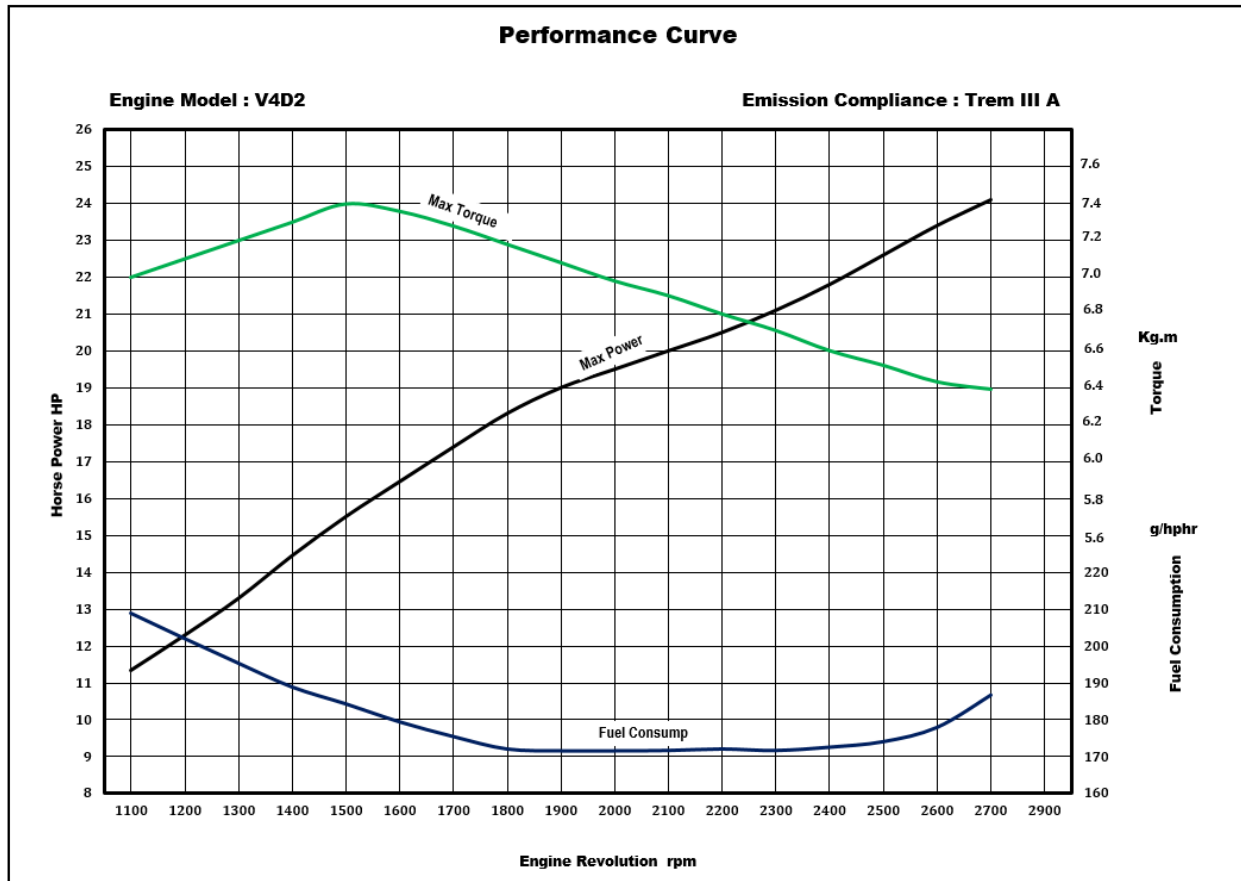
\* Data and Specifications are subject to change without any notice due to continuous product improvement and development

Engine Model -V3D		
S.No	Description	Specification
1	Engine Type	NA, 3 Cylinder Vertical Engine
2	Bore (mm )	Ø73
3	Stroke (mm )	78
4	Displacement (CC)	979.5
5	Type of injection	Indirect Injection
6	Rated Power (HP) @ rpm	22@3000
7	Maximum Torque (kgm) @ rpm	5.7@2000
8	Specific Fuel Consumption (gms/hphr)	220@3000
9	Maximum Speed (rpm )	3150
10	Engine Dry Weight (Kgs)	145
11	Emission Compliance	Trem III A



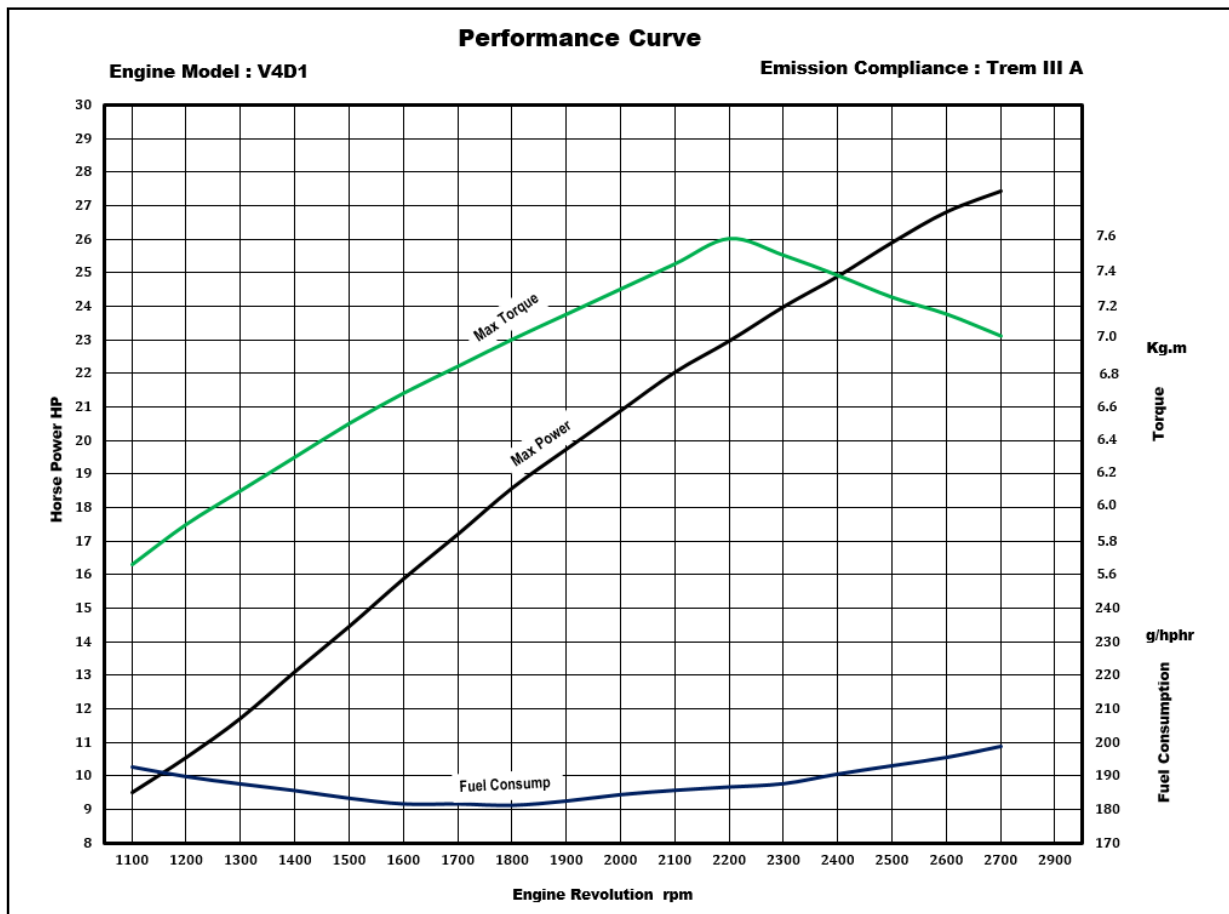
\* Data and Specifications are subject to change without any notice due to continuous product improvement and development

Engine Model - V4D2		
S.No	Description	Specification
1	Engine Type	NA, 4 Cylinder Vertical Engine
2	Bore (mm )	Ø73
3	Stroke (mm )	78
4	Displacement (CC)	1306
5	Type of injection	Indirect Injection
6	Rated Power (HP) @ rpm	24@2700
7	Maximum Torque (kgm) @ rpm	7.4@1600
8	Specific Fuel Consumption (gms/hphr)	200@2700
9	Maximum Speed (rpm )	2900
10	Engine Dry Weight (Kgs)	145
11	Emission Compliance	Trem III A



\* Data and Specifications are subject to change without any notice due to continuous product improvement and development

Engine Model - V4D1		
S.No	Description	Specification
1	Engine Type	NA, 4 Cylinder Vertical Engine
2	Bore (mm )	Ø73
3	Stroke (mm )	78
4	Displacement (CC)	1306
5	Type of injection	Indirect Injection
6	Rated Power (HP) @ rpm	27@2800
7	Maximum Torque (kgm) @ rpm	7.6@2200
8	Specific Fuel Consumption (gms/hphr)	200@2800
9	Maximum Speed (rpm )	3000
10	Engine Dry Weight (Kgs)	145
11	Emission Compliance	Trem III A



\* Data and Specifications are subject to change without any notice due to continuous product improvement and development