

DrillAir Y 35

For geothermal,
waterwell and
foundation drilling

Atlas Copco





3 GOOD REASONS to rent a DrillAir Y35



500

Drilling 500 meters per day is achievable with the DrillAir Y35. Two 4.5" x 250 m geothermal wells can be finished in a single drilling day⁽¹⁾.



100%

DrillAir Y35 is 100% suitable for sustainable projects, thanks to compliancy with Stage IV emission standards.



2.2

DrillAir Y35 consumes less than 2.2 liters of fuel per meter drilled⁽¹⁾ for 250 meters holes.

⁽¹⁾ Dependent on various operational parameters. Please ask your Atlas Copco representative for more details.

DrillAir Y35



Higher REVENUES



High penetration rate with 30 or 35 bar pressure allows to drill more meters in a day.



Dynamic Flow Boost® gives additional up to 4 m³/min when flushing and during drill stem refill. It means faster flushing, faster stem refill and a shorter time to finish a well.



Compliance with Stage IV means a healthier life for our children. It also allows you to work on sustainable projects and for environmentally conscious customers.



Atlas Copco XPR extends the working pressure range. It is based on patented technology and lets you set working pressure as low as 15 bar.



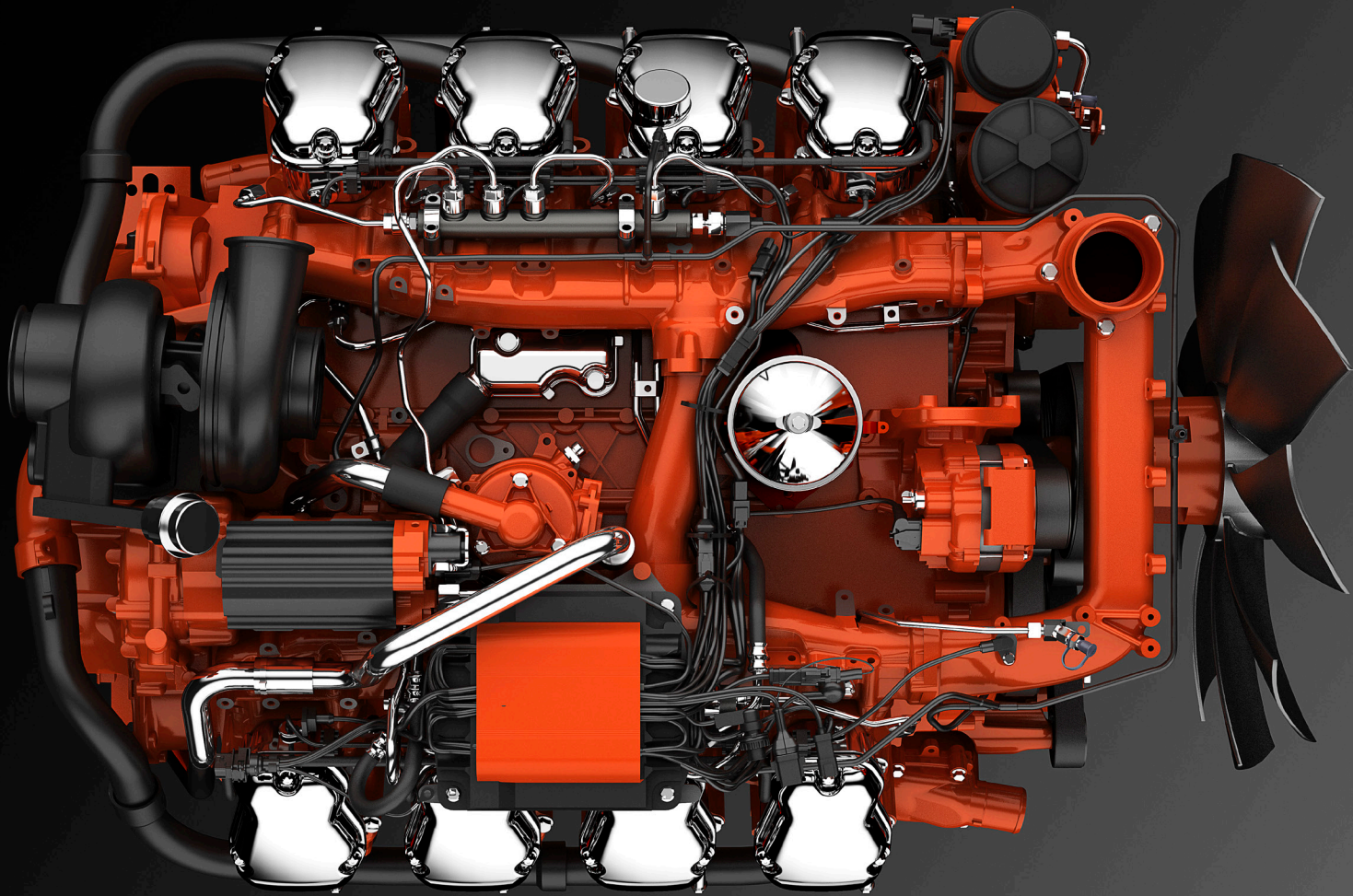
Lower fuel and transport **EXPENSES**



The combination of [DrillAirXpert](#), the Atlas Copco screw element and a Scania engine provides high efficiency for a wide range of pressure and flow.



Drilling with [30-35 bar pressure](#) allows you to drill more meters in an hour. Even though consumption per hour is higher, the cost per meter is lower.



SCANIA Stage IV

Stage IV is the emission standard for non-road engines that was introduced in Europe in January 2014. Stage IV-compliant engines **REDUCE THE EMISSION OF NO_x AND PARTICULATE MATTER TO NEAR-ZERO LEVELS.**

Compressors with engines that comply with older regulations can still be used, but increasingly companies are required to minimize their environmental impact. This means using compressors that meet the latest emission requirements.

SCANIA STAGE IV

Scania's Stage IV technologies are very reliable and do not affect torque or power output. Scania uses advanced exhaust gas recirculation (EGR) and selective catalytic reduction (SCR) technology that eliminates the need for particulate filters. By injecting a urea-based additive, AdBlue/DEF (diesel exhaust fluid), into the after-treatment system, a chemical reaction takes place that converts the harmful nitrogen oxides (NO_x) into diatomic nitrogen (N₂) and water.

DRILLAIR ENGINES

The DrillAir Y35 uses the Scania DC16, an 8-cylinder, 16-liter engine that produces 478 kW of power.

DrillAir Y35



Features

DrillAir Y35

Features:



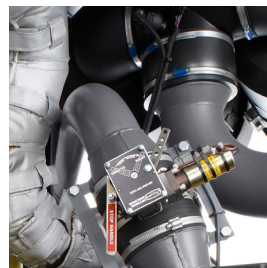
Forklift slots



Automatic fire suppression system



Wagon undercarriage



Inlet shutdown

Other features: Fleet link, Extended pressure range (XPR), Din eye, Cold weather equipment



RENTAL

WELLDRIILL

Atlas Copco

3060

6 DIFFERENCES

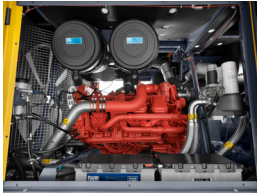
that matter

	XRYS577	Y35
Length (without undercarriage)	4.5m	4.1m
Flow nominal (Flow in Dynamic flow boost mode)	33.9 (-) m ³ /min	34.5 (39) m ³ /min
Maximum pressure	35 bar	35 bar
Canopy coating	<i>2 layers:</i> 2+100μm	<i>3 layers:</i> 2+100+100μm
Engine	<i>Stage IIIA</i> Caterpillar C18, 6 in-line (18L, 429 kW)	<i>Stage IV</i> Scania DC16, V8 (16L, 478 kW)
Fuel consumption at 75% load	84.4 l/h @ 35 bar	72.3 l/h @ 35 bar



TECHNICAL DATA

Y35



TECHNICAL DATA		Y35
Pressure range	bar	35-22
DrillAirXpert		YES
Extended Pressure range (with optional XPR)	bar	22-15
Nominal flow at 30 bar	m ³ /min (l/s)	34.8 (580)
Nominal flow at 25 bar	m ³ /min (l/s)	35.8 (596)
Flow in Dynamic Flow Boost mode	m ³ /min (l/s)	max. 39.0 (650) at 22 bar
Fuel consumption @ 35 bar, 100% / 75% flow	l/h	100.4/72.3
Fuel consumption @ 25 bar, 100% / 75% flow	l/h	87.6/64.0
Engine speed range	rpm	1200-1900
Engine make		Scania DC16 V8
Emission compliance		Stage IV
Engine power (DIN 627 1)	KW	478
AdBlue tank capacity	l	70

DIMENSION AND FUEL CAPACITY		Wagon
Dimensions	m	6.2x2.2x2.5
Fuel tank capacity	l	750
Weight (excl. fuel, AdBlue)	kg	6781
Weight (incl. fuel, AdBlue)	kg	7540



Sustainable Productivity

We are committed to our customers and employees. We provide a global network of rental depots with reliable solutions and 24/7 support. We are triple certified for Quality, Environmental, and Occupational Health and Safety Management. This is what we call - Sustainable Productivity.

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