C7H 6×4 PRIME MOVER

(Reference Photo)

EXTERNAL DIMENSIONS

Length(mm)		7105
Width(mm)		2496
Height(mm)(empty)		3980
Wheel base(mm)		3400
Wheel track(mm)	Front	2041
	Rear	1830
Min ground clearance(mm)		257
Approach angle(°)		15
Departure angle(°)		46
Front overhang(mm)		1475

FEATURES

- **Reliable MC13 engine with 540Hp and 2500 High Torque.**
- **12 Speed ZF AMT gearbox smoothly**
- **Luxury roomy Cab /Top Cooler/ ISRI Ventilated heated seat/20L Refrigerator/LED Light /Voith Retarder as standard.**
- **EBS/ACC/AEBS/HAS/FCWS/WABCO Radar/ Quadrangle camera.**
- **Differential locks and cross locks for when the going gets tough.**
- **Alloy rim/air tank/fuel tank/Air suspension to reduce tare weight.**
- **ZF steering pump /LCD Color display/Knorr brake control/Voss connector/JOST fifth wheel.**
- **800L+370L dual fuel tank/90L AdBlue tank**
- **Fully complied with Australia Design Rules.**

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WEIGHTS

GVM (kg)		25000
Max load of two axles (kg)	Front	7000
	Rear	18000
GCM (kg)		75000

CAPABILITY

Max speed(km/h)	100
Min turning diameter (m)	18.5
Max climb gradient (%)	35
Fuel tank (L)	800L+400L

CABIN

Model	C7-G
Sits	2
Turning radius (mm)	3640

ENGINE

Model	MC13.54-50
Displacement (L)	12.419
Power rating kW/(r/min)	397/1900
Max torque Nm/(r/min)	2500/1050-1350

CLUTCH

Model	CH430-25 diaphragm
Operation Mode	Electrically controlled operating with air

TRANSMISSION

Model	AMT –ZF 12TX2621TD
Forward gear ratio	16.688,12.924,9.926,7.688,5.895,4.656,3.655,2.831, 2.174,1.684,1.291,1.00
Reverse gear ratio	15.537,12.033

FRAME

Model		Ladder frame
Main beam cross-section (mm)		270×85×8
Width of frame Assembly(mm)	Front	940
	Rear	762

DRIVING AXLE

Model		MCY13 disc
Redactor ratio	Ratio	3.08
	Optio	2.85, 3.7
Differential lock		Diff lock+ cross lock

FRONT AXLE

Model	HR7 (Disc)

SUSPENSION

Front	Model	Non-independent
	Number	3 leaf parabolic
Rear	Model	Non-independent
	Number	8 air bag

STEERING GEAR

Model	Ball circul
Ratio	22.2-26.2
Max pressure of pump (kPa)	18300
Steering way	Recirculating ball

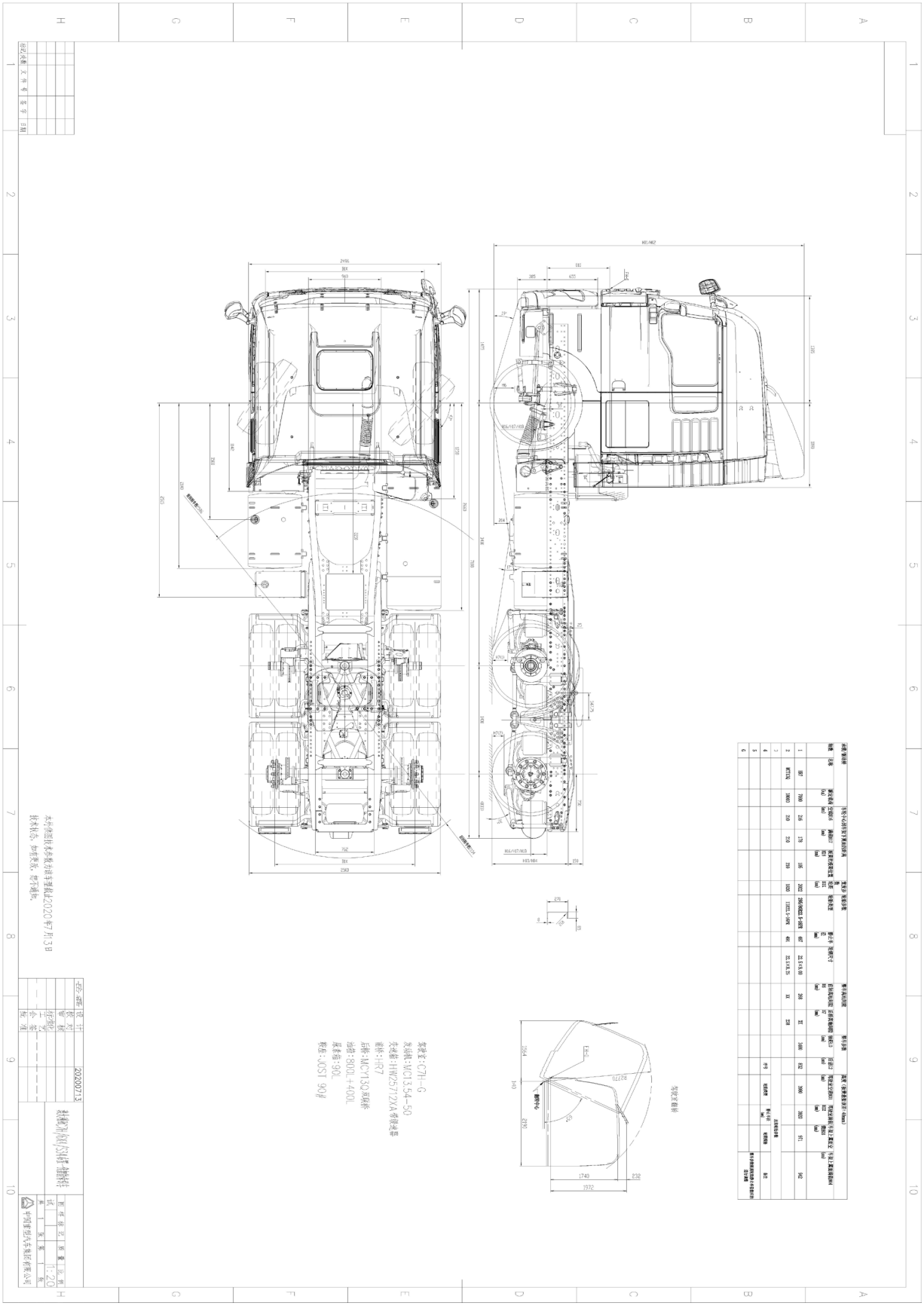
BRAKING SYSTEM

Working pressure (kPa)	1000
Drive braking type	Dual circuit
Brake power adjust type	EBS ESC EBL ASR
Parking brake type	Spring stored energy air cut brake
Assistant brake typ	EVB

ELECTRICS

Circuit type	double, control positive pole
Voltage (V)	24
Generator power (kW)	2.0
Accumulator voltage / capacity(V/Ah)	2x12/180

EXTRAS

Trailer brakes EBS to rear	Included
Sun visor, side skirts	Included
Retarder	INTARD3(standard)

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