THREE-POINT LIFTING MECHANISM

39.1. Three-point lifting mechanism rear: Yes , acc. to ISO 730:2009
front: Yes , acc. to ISO 875

39.2. Maximum towable mass by the link arms (kg): 3500 (less brakes) / 31000 (w/ brakes)

ADDITIONAL COUPLING POINTS

40.1. Additional coupling points: no

POWER TAKE-OFF's

51.2. Main PTO position: rear

51.3. Secondary PTO position: no

51.2.3. Optional: Power at the PTO at rated speed(s) in accordance with OECD Code 2 or ISO 789-1:1990

Rated speed PTO [1/min]	Corresponding engine speed [1/min]		Power [kW]	
	Main PTO	Secondary PTO	Main PTO	Secondary PTO
1 - 540				
2 - 1000				
540E				
1000E				

RESULTS OF SOUND LEVEL TEST (EXTERNAL)

Measured according to Annex III of Reg. (EU) 2018/985, as last amended by --
Moving (dB(A)): 83
Stationary (dB(A)): 78
Engine speed (1/min): 2260

DRIVER-PERCEIVED SOUND LEVEL

Measured according to Annex XIII of Reg. (EU) 1322/2014, as last amended by Reg. (EU) 2018/830
Drivers exposure to noise level (dB(A)) cab openings opened / closed: 74 / 69
Test method used: method 2 , no load
Fitted equipment affecting sound level: Viscotronic engine Fan

RESULTS OF EXHAUST EMISSION TESTS

Measured according to:
- Reg. (EU) 2018/985, as last amended by (yes/no): -- no
- Reg. (EU) 2016/1628 as last amended by (yes/no): -- Stage V yes
- Regulation (EC) No 595/2009, as last amended by (yes/no): no

Emissions:/CO/HC/NOx/HC+NOx/PM/PN/Test cycle

Cycle	NRSC			NRTC		
Stage:	0.0143	0	0.192	0.0143	0	0.192
ESC /	N/A	0.0032	6.53E+10			
WHSC	C1					
NRTC /	0.021	0.0023	0.166			
ETC /	N/A	0.0024	5.88E+10			
WHTC	C1					
CO_2 result	658	[g/kWh]				
COMMENTS						
Vehicle compliant to TMR - Reg. (EU) 167/2013 last amended by: Reg. (EU) 2018/830						
Vehicle compliant to RVBR - Reg. (EU) 2015/68 last amended by: Reg. (EU) 2018/828						
Vehicle compliant to RVFSR - Reg. (EU) 2015/208 last amended by Reg. (EU) 2018/829						
Vehicle compliant to RVCR - Reg. (EU) 1322/2014 last amended by Reg. (EU) 2018/830						

CNIT:
Codice di immatricolazione:
Space for 1-line registration plate: roof mounted

about wide tyres (> 2,55 m):

EU CERTIFICATE OF CONFORMITY (167/2013)

Section 1

Model A - Complete Vehicles

The undersigned: **Hannes Woegerbauer** (plant manager)

hereby certifies that the following complete vehicle:

1.1. Make (trade name of the manufacturer): CASE IH

1.2. Type: D8

1.2.1. Variant: D8BSBFL

1.2.2. Versions: not applicable

1.2.3. Commercial name: OPTUM 270 CVX

1.3. Category, subcategory and speed index of vehicle: T1b

1.4. Company name and address of manufacturer: CNH Industrial Europe Holding S.A.
24, Boulevard Royal
L-2449 Luxembourg

1.4.2. Name and address of manufacturer's authorised representative (if any):

1.5.1. Location of the manufacturer's statutory plate(s): on rear wall of cab

1.5.2. Method of attachment of the manufacturer's statutory plate: riveted

1.6.1. Location of the vehicle identification number on the chassis: r.h. side front, stamped in the front axle support

2 Vehicle identification number: **DBDOP270AKD850167**

conforms in all respects to the type described in

EU Type-Approval: e13*167/2013*00221*01

issued on: 17-Apr-2019

and can be permanently registered in Member States having right -hand traffic

and using metric units for the speedometer.

St. Valentin Plant, Austria (Place) | 25 June 2019 (Date) | Hannes Woegerbauer (Plant manager)

GENERAL CONSTRUCTION CHARACTERISTICS

3.3.1.	Number of axles and wheels:	2 axles, 4 wheels
3.3.2.	Number and position of axles with twinned wheels:	N/A
3.3.3.	Number and position of steered axles:	1 , F
3.3.4.	Number and position of powered axles:	2, F & R, (front axle disengageable)
3.3.5.	Number and position of braked axles:	2 , F & R (w/ frt brakes

CONSTRUCTION CHARACTERISTICS FOR SPECIAL PURPOSES

47.1.	Vehicle equipped with FOPS for forestry application:	no
47.2.	Vehicle equipped with FOPS for other application than forestry:	Yes
55.1.	Vehicle equipped with OPS for forestry application:	no
55.2.	Vehicle equipped with OPS for other than forestry application:	no
58.3.	Vehicle equipped with a cab classified for prot. against hazardous substances of cat.: and a dust filter with regard to protection against hazardous substances with regard to protection against hazardous substances	2
59	Vehicle with machinery mounted on it:	no
59.1.	General description of the machinery and its inter-action with the vehicle:	N/A

MASSES

4.1.1.1.	Unladen mass in running order (kg):	
4.1.1.1.1.	- maximum:	11200
4.1.1.1.2.	- minimum:	10250
4.1.2.1.	Technically permissible maximum laden mass (kg):	16800
4.1.2.1.1.	Technically permissible maximum mass(es) per axle (kg):	
	Axle 1 (kg):	7500
	Axle 2 (kg):	11500
4.1.2.2.	Mass(es) and tyres:	see also Enclosure 1a

Tyre-combination	Axle No.	Tyre dim incl. load and speed index	Rolling radius SRI	Tyre load rating per tyre	max perm. mass per axle	max perm mass of vehicle	max perm vertical load on coupling
1	1	IF620/75R30 163B	800	3075	6000	6000	N/A
	2	IF900/60R42 180B	102	8000	11500	115	2000

Please refer to the attachment of this Certificate for available tire sizes/combinations. Track width see pt. 4.2.2.8.

4.1.3. Technically permissible towable masses for each chassis/braking configuration of the R- or S-category vehicle (kg):

R- and S cat. Vehicle / Brake	Drawbar T-1	Rigid drawbar T-2	Center-axle T-3
- unbraked:	3500	3500	3500
- inertia-braked:	8000	8000	8000
- hydraulic braked:	36000	36000	36000
- pneumatic braked:	36000	36000	36000

4.1.4. Total technically permissible masses of the tractor (T- or C-category) and towed vehicle (R- or S-category vehicle) combination for each chassis/braking configuration of the R- or S-category (kg):

R- and S cat. Vehicle / Brake	Drawbar T-1	Rigid drawbar T-2	Center-axle T-3
- unbraked:	20300	20300	20300
- inertia-braked:	24800	24800	24800
- hydraulic braked:	48000	48000	48000
- pneumatic braked:	48000	48000	48000

	BALLAST MASSES	see also Enclosure 1a
29.2.	Number of sets of ballast masses:	N/A
29.2.1.	Number of components on each set:	N/A
29.4.	Total mass of ballast masses (kg):	N/A

MAIN DIMENSIONS

4.2.2.	For complete vehicles		
4.2.2.1.1.	Length for on road use (mm):		5170 - 5640
4.2.2.1.2.	Width for on road use (mm):		2510 - 2550
4.2.2.1.3.	Height for on road use (mm):		3155 - 3205
4.2.2.5.	Wheelbase (mm):		2884
4.2.2.8.	Track width, minimum and maximum (mm)	Axle 1:	1538 - 2160 see also Enclosure 1a
		Axle 2:	1530 - 2230 see also Enclosure 1a

GENERAL POWERTRAIN CHARACTERISTICS

5.1.1.1.	Declared maximum design vehicle speed (km/h):	50
5.1.2.1.	Declared rearward maximum design vehicle speed (km/h):	28
	ENGINE	
2.1.	Make:	FPT Industrial
2.2.	Engine Type (or Family Type):	F4DGE617E*Vxxx
2.2.2.	**Type-approval number (without extension):**	**e3*2016/1628*2016/1628EV6/D*1004***
6.1.7.	Category and sub-category of the engine:	NRE-v-6
6.2.1.	Combustion cycle:	four stroke
6.2.2.	Ignition type:	compression ignition
6.2.3.1.	Cylinders' number and configuration:	6 LI
6.2.8.1.	Fuel type / Sub Fuel type / Fuelling arrangement:	B5 U L
6.2.8.3.	List of additional fuels compatible with use by the engine:	
6.3.2.1.2.	Declared rated net power (UNECE R120) (kW @ 1/min):	199 / 2100
6.3.2.2.2.	Maximum net power (UNECE R120) (kW @ 1/min):	212 / 1800
6.3.6.4.	**Engine total swept volume (ccm):**	6728
	GEARBOX	
11.2.8.	Type of transmission ratio change system:	C (automatically continuously variable transmission **with F/R power shuttle)**
	STEERING	
13.2.	Steering category:	power-assisted hydraulic
	BRAKING	
43.4.6.	Electronic braking system:	noBF
43.5.1.	Braking transmission of the service braking system:	hydrostatic (w/o power assistance)
43.6.1.	Towed vehicle braking control system technology:	pneumatic and hydraulic
43.6.2.x.	Connections type:	single-line (hydraulic) and two-lines (pneu
43.6.2.2.1.	Supply pressure hydraulic (1-line/2-lines) (kPa):	15000
43.6.2.1.1.	Supply pressure pneumatic (2-lines) (kPa):	800
43.6.2.2.2.	Presence of ISO 7638:2003 connector:	no
	ROLL-OVER PROTECTION STRUCTURE	
2.1.	Make (trade name of manufacturer):	CNHi
2.2.2.	Type-approval number:	4/1 625/4 (OECD)
46.1.	Equipment of ROPS:	standard
46.2.	ROPS by cab/frame/roll bars mounted at front/rear:	by cab isomount , 4-post, 2 doors
46.2.1.	In the case of roll-bar:	N/A
46.2.2.	In the case of foldable roll-bar:	N/A
46.2.2.1.	Folding operation:	N/A
46.2.2.2.1.	Hand-operated foldable ROPS:	N/A
46.2.2.4.	Locking mechanism:	N/A
	SEATING POSITION(S)	
49.1.	Seating position configuration:	seat
49.4.2.	Driver's seat type category:	category A , class III
49.4.3.	Reversible driving position:	no
49.5.1.	Number of passenger seats:	1
	LOAD PLATFORM(S)	N/A
	MECHANICAL COUPLINGS	
38.3.	Rear mechanical coupling:	see also Enclosure 1a

Type:					
Mounting on tractor frame:					
Make:					
Manufacturers type designation:					
EU type-approval mark or number:					
Maximum horizontal load/D-value (kg/kN):					
Towable mass (tons):					
Maximum perm. vertical load on coupling point (kg):					
Position of coupling point (mm)	Height of the coupling point above ground (mm)	- Minimum:			
		- Maximum:			
	Distance from vertical plane through rear axle(mm)	- Minimum:			
		- Maximum:			

Maximum permissible vertical load on the couplig point for the types and variants D7XXXFL – D8XXXFL – D9XXXFL

Tyre comb. No	Axle No	Tyre dimension including load capacity index and speed category symbol	Rolling radius [mm]	TLR [kg]	MPM per axle [Kg]	MPM of the vehicle [Kg]	MVL = max permissible vertical load on the coupling point [Kg]											Track width [mm]		Note
							G1	G2	G3	G4	G5	G6	G7	G8	G10	G11	G12	Min	Max	
							MVL	MVL	MVL	MVL	MVL	MVL	MVL	MVL	MVL	MVL	MVL			
1	1	600/70 R30 152B/D	750	3692	7380	16800												1858	2258	(A)
	2	650/85 R38 173B/D	975	6500	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
2	1	IF 600/70 R30 169B/D	750	4375	7500	16800												1858	2258	(A)
	2	IF 650/85 R38 179B/D	975	7750	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
3	1	VF 600/70 R30 165D	750	4375	7500	16800												1858	2258	(A)
	2	VF 650/85 R38 179D	975	7750	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
4	1	600/70 R30 152B/D	750	3692	7380	16800												1858	2258	(B)
	2	710/70 R42 173B/D	975	6500	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
5	1	IF 600/70 R30 169B/D	750	4375	7500	16800												1858	2258	(B)
	2	IF 710/70 R42 179B/D	975	7750	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
6	1	VF 600/70 R30 165D	750	5150	7500	16800												1858	2258	(B)
	2	VF 710/70 R42 179D	975	7750	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
7	1	600/70 R30 152B/D	750	3692	7380	16800												1858	2258	(C)
	2	800/70 R38 173B/D	975	6500	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1952	1952	
8	1	IF 600/70 R30 169B/D	750	4375	7500	16800												1858	2258	(C)
	2	IF 800/70 R38 179B/D	975	7750	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1952	1952	
9	1	VF 600/70 R30 165D	750	5150	7500	16800												1858	2258	(C)
	2	VF 800/70 R38 184D	975	9000	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1952	1952	
10	1	VF 620/75 R30 172D	800	6300	7500	16800												1926	2258	(A)
	2	VF 650/85 R42 183D	1025	8750	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
11	1	650/60 R34 159B/D	775	4375	7500	16800												1926	2258	(B)
	2	710/75 R42 176B/D	1025	6900	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
12	1	IF 650/60 R34 159B/D	775	4375	7500	16800												1926	2258	(B)
	2	IF 710/75 R42 176B/D	1025	7100	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
13	1	620/75 R30 163B/D	800	4875	7500	16800												1926	2258	(B)
	2	710/75 R42 175B/D	1025	6900	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
14	1	IF 620/75 R30 164B/D	800	5000	7500	16800												1926	2258	(B)
	2	IF 710/75 R42 176B/D	1025	7100	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
15	1	VF 600/65 R34 163D	775	4875	7500	16800												1926	2258	(B)
	2	VF 710/75 R42 181D	1025	8250	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	1840	1930	
16	1	650/60 R34 159B/D	775	4375	7500	16800												1926	2258	(C)
	2	900/60 R42 180B/D	1025	8000	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	2052	2052	
17	1	IF 650/60 R34 159B/D	775	4375	7500	16800												1926	2258	(C)
	2	IF 900/60 R42 180 B/D	1025	8000	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	2052	2052	
18	1	620/75 R30 163B/D	800	4875	7500	16800												1926	2258	(C)
	2	900/60 R42 180 B/D	1025	8000	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	2052	2052	
19	1	IF 620/75 R30 164B/D	800	5000	7500	16800												1926	2258	(C)
	2	IF 900/60 R42 180 B/D	1025	8000	11500	----	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	2052	2052	

Maximum permissible vertical load on coupling point are calculated under the following conditions:
unladen tractor with no ballasts installed

TLR:tyre load rating per tyre
MPM: max permissible mass

Maximum permissible vertical load on the couplig point for the types and variants D7XXXFL – D8XXXFL – D9XXXFL

Tyre comb. No	Axle No	Tyre dimension including load capacity index and speed category symbol	Rolling radius [mm]	TLR [kg]	MPM per axle [Kg]	MPM of the vehicle [Kg]	MVL = max permissible vertical load on the coupling point [Kg]											Track width [mm]		Note
							G1 MVL	G2 MVL	G3 MVL	G4 MVL	G5 MVL	G6 MVL	G7 MVL	G8 MVL	G10 MVL	G11 MVL	G12 MVL	Min	Max	
20	1	VF 600/65 R34 163D	775	4875	7500	16800												1926	2258	(C)
	2	VF 900/60 R42 185D	1025	8000	11500	---	2500	2500	4000	3000	3000	2000	4000	1970	1500	2000	2500	2052	2052	
							Coupling point codification													
							G1	G2	G3	G4	G5	G6	G7	G8	G10	G11	G12			
Manufacturer							Sauermann	Sauermann	Sauermann	Sauermann	Sauermann	Sauermann	Sauermann	CBM	Sauermann	Sauermann	Sauermann			
Type(s)							HS 1700-KUD	HS 1400-2KUD	HS 7469-CNH-K	HS 7469-CNH-P	HS 3150-HD	HS 3555-HD	HS 3156-HD-B	GTB30 014	HS 310-S-390	HS 330-S-390	HS 340-S-390			
EU type approval mark (s)							e1 00001 ND	e1 00009 ND	e1 00166 ND	e1 00170 ND	e1 00145 ND	e1 00186 ND	e1 00182 ND	e11 0211 ND	e1 00408 ND	e1 00409 ND	e1 00410 ND			
														Values valid for max drawbar overhang						

Note		
	(A)	Tractor width < 2550 mm when tires are set in minimum track
	(B)	Tractor width (due exclusively to tire width) is always > 2550 mm when tractor is equipped with rear bar axle
	(C)	Tractor width (due exclusively to tire width) is always > 2550 mm when tractor is equipped with rear bar axle or flange axle

Maximum permissible vertical load on coupling point are calculated under the following conditions:
unladen tractor with no ballasts installed

TLR:tyre load rating per tyre
MPM: max permissible mass

FAMILLE : OPTUM 270 CVX 50 KMH **OTA N° e13*167/2013*00221*01**

VEHICULE DE MARQUE CASE IH

Nous soussignés CNH Industrial France, siège social: 16-18 rue des Rochettes, 91150 MORIGNY-CHAMPIGNY, société dûment mandatée par CNH Industrial Europe Holding S.A, 24 boulevard Royal, Luxembourg, certifions que le tracteur :

1 - Marque :..... **CASE IH**

2 - Type :..... **D8**

Variantes	Modèle	Structure	Motricité(*)	Vitesse(*)	Pneus(*)
D8	**B**	**S**	~~F~~ **B**	**F**	**L**

3 - Numéro dans la série du type : ..DBDOP270AKD850167

est entièrement conforme au type réceptionné par : **Ministère des transports**
en **SNCH - LUXEMBOURG**

le :..... **17 avril 2019**

décrit dans la fiche de réception n°:..... **e13*167/2013*00221*01**

et dans la fiche de renseignements n°:..... **CHA1002B**

Signature

Par délégation

Jérôme JULIEN

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S.A.S au capital de 52 965 450 Euros
Siège social : 16-18, rue des Rochettes 91150 Morigny Champigny
SIREN 695 480 244 - R.C.S. Evry - Code APE 4661Z
N° TVA Intracommunautaire FR 38 695 480 244

FAMILLE : OPTUM 270 CVX 50 KMH **OTA N° e13*167/2013*00221*01**

Types	N°s CNIT
D8D8BSBFL	T10CSHTA005U023
~~D8D8B5FFL~~	~~T10CSHTA005W025~~

INDICATIONS COMPLEMENTAIRES AU CERTIFICAT DE CONFORMITE CEE A DESTINATION DE LA FRANCE

0-Genre	**TRA**
1-Carrosserie	**AGRICOLE**
2-Energie	**GO**
3-Puissance Administrative (CV)	**27**
4-Places assises	**2**

5- Poids total autorisé en charge (kg) (*) **PTAC**	**16800**
6- Poids total à vide (kg) **G1** (*)	**10175 à 11125**
7- Poids total en service **G** (G1 + 75) (kg) (*)	**10250 à 11200**
8- Poids Total Roulant Autorisé **PTRA** (kg) (*)	**44000**
9-Niveau sonore de référence (dB(A)).....	**86**
10- Régime moteur (tr/mn)	**2260**
11 – Nom et adresse du Constructeur	**CNH Industrial EUROPE HOLDING S.A.** ***L-2449 Luxembourg***
12 – Nom et adresse du mandataire en France	**CNH Industrial France** **16-18 rue des Rochettes** **91150 MORIGNY-CHAMPIGNY**

Versions / Décryptage

Modèle	Structure	Motricité	Vitesse	Pneus
B = OPTUM 270 CVX	S = cabine	F = 4 WD suspend B = 4 WD suspend non freiné	E = 40 kmh CVT F = 50 kmh CVT	L = large