

PUMA 130 CVT
PUMA 145 CVT
PUMA 160 CVT
Tractors

OPERATOR'S MANUAL

Part Number 84411146

1st edition English
March 2011



ORIGINAL INSTRUCTIONS

- according to Directives 2006/42/EC, Annex I 1.7.4.1

PUMA 130 CVT PUMA 145 CVT PUMA 160 CVT Tractors

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For your better and easier understanding of the document you'll find original text reproduced hereafter together with some notes.

Clause of 2006/42/EC Annex II	EN EC Declaration of conformity According to Directive 2006/42/EC.
1.A.1	We, [1]
1.A.2	Represented by Guiseppe Gavioli CNH Europe Holding S.A. 13, Rue Aldringen L- 1118 Luxembourg
1.A.3	declare under our sole responsibility, that the product: Agricultural tractor Trade Name: [2] Model: [3] Type: [4] Serial Number: [5]
1.A.4	to which this declaration relates, fulfils all the relevant provisions of the Directive 2006/42/EC, amended by [6]
1.A.7	For the relevant implementation of the provisions of the Directive, the following (harmonised) standards have been applied: • ISO 26322-1 part 1 or 2 Other standards: see Operators Manual
1.A.9	Place and date of the declaration: [7]
1.A.10	Name and signature of the authorised person: [8]

HEALTH AND SAFETY RELATED STANDARDS APPLIED TO YOUR TRACTOR

- ROPS PROTECTION is certified according to **EN 15694**.
- FOPS level on your tractor cab is certified according to **OECD Code 10**.
- HVAC (Heating, ventilation Air Conditioning) CAB is certified Category 1 according to **EN 15695-1**.
- HV (Heating, ventilation) cab is certified Category 1 according to **EN 15695-1**.
- NOISE EMISSION LEVELS are rated according to **77/311/EC**.
- VIBRATION LEVELS are rated according to **78/764/EEC**.

NOTE: See safety section 2 in this manual for further explanation and details on above mentioned standards and specific terminology.

METRIC AND IMPERIAL UNITS ABBREVIATIONS

Typical applications	Metric unit		Imperial unit	
	Name	Symbol	Name	Symbol
Area (Land area)				
	hectare	ha	acre	ac
	square meter	m²	square foot	ft²
	square millimeter	mm²	square inch	in²
Electricity				
	ampere	A	ampere	A
	volt	V	volt	V
	microfarad	μF	microfarad	μF
	ohm	Ω	ohm	Ω
Force				
	kilonewton	kN	pound	lb
	newton	N	pound	lb
Force per length				
	newton per meter	N/m	pound per foot	lb/ft
			pound per inch	lb/in
Frequency				
	megahertz	MHz	megahertz	MHz
	kilohertz	kHz	kilohertz	kHz
	hertz	Hz	hertz	Hz
Frequency - Rotational				
	revolution per minute	r/min	revolution per minute	r/min^a
		rpm		rpm
Length				
	kilometer	km	mile	mi
	meter	m	foot	ft
	centimeter	cm	inch	in
	millimeter	mm	inch	in
	micrometer	μm		
Mass				
	kilogram	kg	pound	lb
	gram	g	ounce	oz
	milligram	mg		
Mass per Mass				
	milligram per kilogram	mg/ kg		
Power				
	kilowatt	kW	horsepower	Hp
	watt	W	Btu per hour	Btu/hr
			Btu per minute	Btu/min
Pressure or stress (Force per area)				
	kilopascal	kPa	pound per square inch	psi
			inch of mercury	inHg
	pascal	Pa	inch of water	inH₂O
	megapascal	MPa	pound per square inch	psi

1 - GENERAL INFORMATION

Typical applications	Metric unit		Imperial unit	
	Name	Symbol	Name	Symbol
Temperature (other than Thermodynamic)				
	degrees Celsius	°C	degrees Fahrenheit	°F
Time				
	hour	h	hour	h
	minute	min	minute	min
	second	s	second	s
Torque (includes Bending moment, Moment of force, and Moment of a couple)				
	newton meter	N m	pound foot	lb ft
			pound foot	lb in
Velocity				
	kilometer per hour	km/h	mile per hour	mph
	meter per second	m/s	foot per second	ft/s
	millimeter per second	mm/s	inch per second	in/s
	meter per minute	m/min	foot per minute	ft/min
Volume (includes Capacity)				
	cubic meter	m³	cubic yard	yd³
				cu yd
	liter	l	cubic inch	in³
	liter	l	US gallon	US gal
			UK gallon	UK gal
			US quart	US qt
			UK quart	UK qt
	milliliter	ml	fluid ounce	fl oz
Volume per time (includes Discharge and Flow rate)				
	cubic meter per minute	m³/min	cubic foot per minute	ft³/min
	liter per minute	l/min	US gallon per minute	US gal/min
	milliliter per minute	ml/min	UK gallon per minute	UK gal/min
Sound power level and Sound pressure level				
	decibel	dB	decibel	dB

Glossary

Acronym	Definition
DEF	Diesel Exhaust Fluid
ISO	International Organization for Standardization
MSDS	Material Safety Data Sheet
NOx	Nitrogen Oxide
PPE	Personal Protective Equipment
SCR	Selective Catalytic Reduction
ULSD	Ultra Low Sulfur Diesel
%	Percent
<	Less than
>	Greater than

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