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Tractors

OPERATOR'S MANUAL

Part Number 84411707

2nd edition English

January 2011



ORIGINAL INSTRUCTIONS

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

PUMA 170 CVX

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SECTION SUMMARY

1 - GENERAL INFORMATION AND SAFETY

2 - CONTROLS, INSTRUMENTS AND OPERATION

3 - FIELD OPERATION

4 - LUBRICATION AND MAINTENANCE

5 - FAULT FINDING

6 - ACCESSORIES

7 - SPECIFICATIONS

8 - FIRST 50 HOUR SERVICE FORMS

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CE DECLARATION OF CONFORMITY DOCUMENT

Class of 2006/42/EC Annex II	BG Декларация ЕС за съответствие според Директива 2006/42/ЕО	CZ Problémní o špecifní ES Podle směrnice 2006/42/ES	DA EU-overensstemmelseserklæring i henhold til direktivet 2006/42/EF	DE EG-Konformitätserklärung laut Richtlinie 2006/42/EG	EL Δήλωση Συμμόρφωσης ΕΚ σύμφωνα με το Οδηγό 2006/42/ΕΚ	
1.A.1	Mēs, [1]	Mý, [1]	Vi, [1]	Wir, [1]	Εμείς, [1]	 <p>CNI Europe Holding S.A. Rue Aillyingen, 13 L-1118 Luxembourg</p>
1.A.2	Представители от Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Zastupitelství Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	repræsentant af Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	vertreter durch Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	αρμοδιότητες από τη Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	
1.A.3	Декларация, поставлена пълна отговорност, че продуктът Съответствие с трасктор Технически номер: [2] Модел: [3] Тип: [4] Серият номер: [5]	Заявлениета на вярност отговорност, че продуктът Съответствие с трасктор Технически номер: [2] Модел: [3] Тип: [4] Серият номер: [5]	erklærer på eget ansvar, at produktet Landbrugstraktor Handlevarenr: [2] Model: [3] Type: [4] Serienummer: [5]	erkläre auf eigene Verantwortung, dass das Produkt Landwirtschaftliche Zugmaschine Handelsbezeichnung: [2] Modell: [3] Typ: [4] Serienummer: [5]	Δήλωση, υπό αποκλειστική ποσ, επίλογ, ότι το προϊόν Συμμορφώνεται, σύμφωνα με τις Οδηγίες 2006/42/ΕΚ, όπως έχει τροποποιηθεί με: [6]	
1.A.4	за които се отнася настоящата декларация, е съобразен с изискванията на Директива 2006/42/ЕО, променена с [6].	на който се отнася настоящата декларация, е съобразен с изискванията на Директива 2006/42/ЕО, променена с [6].	hvorfor denne erklæring henviser, opfylder alle de relevante krav i direktivet 2006/42/EF, ændret ved [6].	auf das sich diese Erklärung bezieht, allem einschlägigen Bestimmungen der Richtlinie 2006/42/EG entspricht, abgeändert durch: [6].	за които се отнася настоящата декларация, е съобразен с изискванията на Директива 2006/42/ЕО, променена с [6].	
1.A.7	За регламентите на изискванията от Директива 2006/42/ЕО, са приложени стандартите за приемане на стандартите: • ISO 26322-1 част 1 и част 2 Други стандарти: вж. Ръководство за употреба.	Pro relevantní implementaci ustanovení této Směrnice byly aplikovány následující harmonizované normy: • ISO 26322-1 část 1 nebo 2 Ostatní standardy: viz Návod pro použití a účelové.	Følgende harmoniserede standarder er anvendt til opfyldelse af kravene i direktivet: • ISO 26322-1 del 1 eller 2 Andre standarder: se brugs- og vedligeholdelsesmanualen.	Za sachstvené usøetvorení der fædliggen i den Rådets vedtagne fællesdeklaration er anvendt følgende harmoniserede standarder: • ISO 26322-1 del 1 eller 2 Andre Normer: se ihen til den Brugs- og Vedligeholdelsesmanualen.	Πα τη συμμόρφωση των διατάξεων της Οδηγίας, έχουν εφαρμοσθέν τα ακόλουθα αρμονισμένα πρότυπα: • ISO 26322-1 μέρος 1 & 2 Άλλα πρότυπα: βλ. οδηγία χρήσης.	
1.A.9	Место и дата на декларацията: [7]	Место и дата на декларацията: [7]	Sted og dato for erklæringen: [7]	Ort und Datum der Erklärung: [7]	Τόπος και ημερομηνία της Δήλωσης: [7]	
1.A.10	Име и подпис на упълномощено лице: [8]	Име и подпис повелен човек: [8]	Bemyndigedes navn og underskrift: [8]	Name und Unterschrift des Befugten: [8]	Όνομα και υπογραφή του εξουσιοδοτημένου προσώπου: [8]	
1.A.1	Mēs, [1]	Nosotros, [1]	Me, [1]	Me, [1]	Les soussignés, [1]	
1.A.2	Represented by Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	representados por Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Eindetvedt Giuseppe Gavio poolt, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	erklæret af Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	représentés par Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	
1.A.3	declared under my sole responsibility, that the product: Agricultural tractor Trade Name: [2] Model: [3] Type: [4] Serial Number: [5]	declarados bajo mi exclusiva responsabilidad, que el producto: Tractor agrícola Designación comercial: [2] Modelo: [3] Tipo: [4] Número de serie: [5]	erklæret under min alene ansvar, at toalet: Høvlåstator Årsmærke: [2] Model: [3] Type: [4] Serienummer: [5]	erklæret under min alene ansvar, at toalet: Motoriséringsmaskine Køgepløjens nr.: [2] Model: [3] Type: [4] Serienummer: [5]	déclaré sous leur seule responsabilité, que le produit: Tracteur agricole Désignation commerciale: [2] Modèle: [3] Type: [4] Numéro de série: [5]	
1.A.4	to which this declaration refers, falls all the relevant provisions of the Directive 2006/42/EC, amended by [6].	al cual se refiere la presente declaración, conforme a las disposiciones pertinentes de la Directiva 2006/42/EC, modificada por [6].	til hvilke kildende erklæringen referer, tilfødes alle de relevante bestemmelser i direktivet 2006/42/EF og de ændringer [6].	hvilken denne udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	à laquelle cette déclaration se réfère, conformément aux dispositions pertinentes de la Directive 2006/42/CE, amendée par [6].	
1.A.7	For the relevant implementation of the provisions of the Directive, the following (harmonized) standards have been applied: • ISO 26322-1 part 1 or 2 Other standards: see Operator's Manual.	Para la implementación de las disposiciones pertinentes de la Directiva se han aplicado las siguientes normas armonizadas: • ISO 26322-1 parte 1 o 2 Otras normas: véase el Manual de Uso y Mantenimiento.	Direktivtil relevante ajkaldelse af bestemmelserne er sikret ved følgende (harmoniserede) standarder: • ISO 26322-1 del 1 eller 2 Andre standarder: se brugs- og vedligeholdelsesmanualen.	For den relevante udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	Pour mettre en œuvre les dispositions de la Directive, on a appliqué les normes suivantes (harmonisées): • EN 26322-1 partie 1 ou 2 Autres normes: voir Manuel d'Utilisation et d'Entretien.	
1.A.9	Place and date of the declaration: [7]	Lugar y fecha de la declaración: [7]	Declarationsstedet viljendtes sted og aeg: [7]	Vaikutuksen antopaikka ja -päivä: [7]	Lieu et date de la déclaration: [7]	
1.A.10	Name and signature of the authorised person: [8]	Nombre y firma de la persona autorizada: [8]	Viljendtes navn og underskrift: [8]	Vaikutuksen henkilöön nimi ja allekirjoitus: [8]	Nom et signature de la personne autorisée: [8]	
1.A.1	Mēs, [1]	Nós, [1]	Me, [1]	Me, [1]	Vi, [1]	Emm, [1]
1.A.2	Aikakeskustelt Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Representados da Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Astovunajani Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	vertegenwoordigd door Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	representert av Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg
1.A.3	изъявляю полную ответственность за соответствие с директивой 2006/42/ЕО, измененной с [6].	declarando, sotto la nostra esclusiva responsabilità, che il prodotto: Strattore Agricolo Designazione commerciale: [2] Modello: [3] Tipo: [4] Numero di serie: [5]	erklærer under min alene ansvar, at produktet: Strattore Agricolo Designazione commerciale: [2] Modello: [3] Tipo: [4] Numero di serie: [5]	erklærer under min alene ansvar, at produktet: Landbrugstraktor Konstruktionsnr.: [2] Model: [3] Type: [4] Serienummer: [5]	erklærer under min alene ansvar, at produktet: Landbrugstraktor Konstruktionsnr.: [2] Model: [3] Type: [4] Serienummer: [5]	erklærer under min eksklusiv ansvar, at produktet: Landbrugstraktor Handelsnavn: [2] Model: [3] Type: [4] Serienummer: [5]
1.A.4	на които се отнася настоящата декларация, е съобразен с изискванията на Директива 2006/42/ЕО, променена с [6].	anteriormente a esta declaración, conforme a las disposiciones pertinentes de la Directiva 2006/42/EC, modificada por [6].	til hvilke kildende erklæringen referer, tilfødes alle de relevante bestemmelser i direktivet 2006/42/EF og de ændringer [6].	hvilken denne udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	за които се отнася настоящата декларация, е съобразен с изискванията на Директива 2006/42/ЕО, променена с [6].	
1.A.7	Ar implementering af direktivet, er følgende (harmoniserede) standarder blevet anvendt: • EN ISO 26322-1 del 1 eller 2 Andre standarder: se brugs- og vedligeholdelsesmanualen.	Per l'implementazione delle disposizioni della Direttiva, sono state applicate le seguenti norme armonizzate: • EN ISO 26322-1 parte 1 o 2 Altre norme: vedere il Manuale di Uso e Manutenzione.	For den relevante udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	For den relevante udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	Para la implementación de las disposiciones pertinentes de la Directiva, se han aplicado las siguientes normas armonizadas: • EN ISO 26322-1 parte 1 o 2 Otras normas: véase el Manual de Uso y Mantenimiento.	
1.A.9	Place and date of the declaration: [7]	Lugar y fecha de la declaración: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Sted og dato for erklæringen: [7]	
1.A.10	Amogħallazzjoni ta' isem u sinjal ta' persuna awtorizzata: [8]	Nome e firma della persona autorizzata: [8]	Declarationsstedet viljendtes sted og aeg: [7]	Declarationsstedet viljendtes sted og aeg: [7]	Nom et signature de la personne autorisée: [8]	
1.A.1	Mēs, [1]	Nós, [1]	Me, [1]	Me, [1]	Vi, [1]	Emm, [1]
1.A.2	representados por Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	representados por Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Zastupitelství Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	representatör av Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Giuseppe Gavio tarafından temsil edilen CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	
1.A.3	declared under my sole responsibility, that the product: Tractor agrícola Designación comercial: [2] Modelo: [3] Tipo: [4] Número de serie: [5]	declarados bajo mi exclusiva responsabilidad, que el producto: Tractor agrícola Designación comercial: [2] Modelo: [3] Tipo: [4] Número de serie: [5]	erklæret under min alene ansvar, at produktet: Landbrugstraktor Konstruktionsnr.: [2] Model: [3] Type: [4] Serienummer: [5]	erklærer under min alene ansvar, at produktet: Landbrugstraktor Konstruktionsnr.: [2] Model: [3] Type: [4] Serienummer: [5]	déclaré sous leur seule responsabilité, que le produit: Tracteur agricole Désignation commerciale: [2] Modèle: [3] Type: [4] Numéro de série: [5]	
1.A.4	to which this declaration refers, falls all the relevant provisions of the Directive 2006/42/EC, amended by [6].	al cual se refiere esta declaración, conforme a las disposiciones pertinentes de la Directiva 2006/42/EC, modificada por [6].	til hvilke kildende erklæringen referer, tilfødes alle de relevante bestemmelser i direktivet 2006/42/EF og de ændringer [6].	hvilken denne udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	à laquelle cette déclaration se réfère, conformément aux dispositions pertinentes de la Directive 2006/42/CE, amendée par [6].	
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1.A.9	Place and date of the declaration: [7]	Lugar y fecha de la declaración: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Lieu et date de la déclaration: [7]	
1.A.10	Amogħallazzjoni ta' isem u sinjal ta' persuna awtorizzata: [8]	Nome e firma della persona autorizzata: [8]	Deklarationsstedet viljendtes sted og aeg: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Nom et signature de la personne autorisée: [8]	
1.A.1	Mēs, [1]	Nós, [1]	Me, [1]	Me, [1]	Vi, [1]	Emm, [1]
1.A.2	representados por Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	representados por Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Zastupitelství Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	representatör av Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Giuseppe Gavio tarafından temsil edilen CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	
1.A.3	declared under my sole responsibility, that the product: Tractor agrícola Designación comercial: [2] Modelo: [3] Tipo: [4] Número de serie: [5]	declarados bajo mi exclusiva responsabilidad, que el producto: Tractor agrícola Designación comercial: [2] Modelo: [3] Tipo: [4] Número de serie: [5]	erklæret under min alene ansvar, at produktet: Landbrugstraktor Konstruktionsnr.: [2] Model: [3] Type: [4] Serienummer: [5]	erklærer under min alene ansvar, at produktet: Landbrugstraktor Konstruktionsnr.: [2] Model: [3] Type: [4] Serienummer: [5]	déclaré sous leur seule responsabilité, que le produit: Tracteur agricole Désignation commerciale: [2] Modèle: [3] Type: [4] Numéro de série: [5]	
1.A.4	to which this declaration refers, falls all the relevant provisions of the Directive 2006/42/EC, amended by [6].	al cual se refiere esta declaración, conforme a las disposiciones pertinentes de la Directiva 2006/42/EC, modificada por [6].	til hvilke kildende erklæringen referer, tilfødes alle de relevante bestemmelser i direktivet 2006/42/EF og de ændringer [6].	hvilken denne udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	à laquelle cette déclaration se réfère, conformément aux dispositions pertinentes de la Directive 2006/42/CE, amendée par [6].	
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1.A.9	Place and date of the declaration: [7]	Lugar y fecha de la declaración: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Lieu et date de la déclaration: [7]	
1.A.10	Amogħallazzjoni ta' isem u sinjal ta' persuna awtorizzata: [8]	Nome e firma della persona autorizzata: [8]	Deklarationsstedet viljendtes sted og aeg: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Nom et signature de la personne autorisée: [8]	
1.A.1	Mēs, [1]	Nós, [1]	Me, [1]	Me, [1]	Vi, [1]	Emm, [1]
1.A.2	representados por Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	representados por Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Zastupitelství Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	representatör av Giuseppe Gavio, CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	Giuseppe Gavio tarafından temsil edilen CNI Europe Holding S.A., 13, Rue Aillyingen, L-1118 Luxembourg	
1.A.3	declared under my sole responsibility, that the product: Tractor agrícola Designación comercial: [2] Modelo: [3] Tipo: [4] Número de serie: [5]	declarados bajo mi exclusiva responsabilidad, que el producto: Tractor agrícola Designación comercial: [2] Modelo: [3] Tipo: [4] Número de serie: [5]	erklæret under min alene ansvar, at produktet: Landbrugstraktor Konstruktionsnr.: [2] Model: [3] Type: [4] Serienummer: [5]	erklærer under min alene ansvar, at produktet: Landbrugstraktor Konstruktionsnr.: [2] Model: [3] Type: [4] Serienummer: [5]	déclaré sous leur seule responsabilité, que le produit: Tracteur agricole Désignation commerciale: [2] Modèle: [3] Type: [4] Numéro de série: [5]	
1.A.4	to which this declaration refers, falls all the relevant provisions of the Directive 2006/42/EC, amended by [6].	al cual se refiere esta declaración, conforme a las disposiciones pertinentes de la Directiva 2006/42/EC, modificada por [6].	til hvilke kildende erklæringen referer, tilfødes alle de relevante bestemmelser i direktivet 2006/42/EF og de ændringer [6].	hvilken denne udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	à laquelle cette déclaration se réfère, conformément aux dispositions pertinentes de la Directive 2006/42/CE, amendée par [6].	
1.A.7	For the relevant implementation of the provisions of the Directive, the following (harmonized) standards have been applied: • EN ISO 26322-1 part 1 or 2 Other standards: see Operator's Manual.	Para la implementación de las disposiciones pertinentes de la Directiva, se han aplicado las siguientes normas armonizadas: • EN ISO 26322-1 parte 1 o 2 Otras normas: véase el Manual de Uso y Mantenimiento.	Direktivtil relevante ajkaldelse af bestemmelserne er sikret ved følgende (harmoniserede) standarder: • ISO 26322-1 del 1 eller 2 Andre standarder: se brugs- og vedligeholdelsesmanualen.	For den relevante udtalelse referer til, omfatter alle de relevante bestemmelser i direktivet 2006/42/EF, ændringer [6].	Pour mettre en œuvre les dispositions de la Directive, on a appliqué les normes suivantes (harmonisées): • EN ISO 26322-1 partie 1 ou 2 Autres normes: voir Manuel d'Utilisation et d'Entretien.	
1.A.9	Place and date of the declaration: [7]	Lugar y fecha de la declaración: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Lieu et date de la déclaration: [7]	
1.A.10	Amogħallazzjoni ta' isem u sinjal ta' persuna awtorizzata: [8]	Nome e firma della persona autorizzata: [8]	Deklarationsstedet viljendtes sted og aeg: [7]	Deklarationsstedet viljendtes sted og aeg: [7]	Nom et signature de la personne autorisée: [8]	

Here above is provided copy of the "CE" Declaration of Conformity (EC Declaration of Conformity according to 2006/42/EC).

The EC Declaration of Conformity is the manufacturer's declaration about equipment compliance to relevant EU provisions.

Please keep the original document in a safe place. Local authorities may require you to show this document in order to assure compliance of your equipment.

Translation of this declaration in your own country language is provided on the original document.

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 Giuseppe 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/EEC**.
- VIBRATION LEVELS are rated according to **78/764/EEC**.

NOTE: See safety section 1 in this manual for further explanation and details on above mentioned standards and specific terminology.

METRIC AND IMPERIAL UNITS ABBREVIATIONS

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
AREA				
Land area	hectare	ha	acre	
	square meter	m ²	square foot square inch	ft ² in ²
	square millimetre	mm ²	square inch	in ²
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 metre	N/m	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 rpm	revolution per minute	r/min ^(a) rpm
LENGTH				
	kilometre	km	mile	mi
	meter	m	foot	ft
	centimetre	cm	inch	in
	millimetre	mm	inch	in
	micrometer	μm		
MASS				
	kilogram	kg	pound	lb
	gram	g	ounce	oz
	milligram	mg		

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
POWER				
	kilowatt	kW	horsepower	Hp
	watt	W	Btu per hour Btu per minute	Btu/hr Btu/min
PRESSURE or STRESS (FORCE PER AREA)				
	kilopascal	kPa	pound per square inch inch of mercury	psi inHg
	pascal	Pa	inch of water	inH ₂ O
	megapascal	Mpa	pound per square inch	psi
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 N m	pound foot pound inch	lb ft lb in
VELOCITY				
	kilometre per hour	km/h	mile per hour	mph
	meter per second	m/s	foot per second	ft/s
	millimetre per second	mm/s	inch per second	in/s
	meter per minute	m/min	foot per minute	ft/min
VOLUME (includes CAPACITY)				
	cubic meter	m ³	cubic yard	yd ³ cu yd
	litre	l	cubic inch	in ³
	litre	l	US gallon UK gallon US quart UK quart	US gal UK gal US qt UK qt
	millilitre	ml	fluid ounce	fl oz

TYPICAL APPLICATIONS	RECOMMENDED SI (METRIC) UNITS		IMPERIAL UNIT	
	NAME	SYMBOL	NAME	SYMBOL
VOLUME PER TIME (includes DISCHARGE and FLOW RATE)				
	cubic meter per minute	m ³ /min	cubic foot per minute	ft ³ /min
	litre per minute	l/min	US gallon per minute	US gal/min
	millilitre per minute	ml/min	UK gallon per minute	UK gal/min
SOUND POWER LEVEL and SOUND PRESSURE LEVEL				
	decibel	dB	decibel	dB

SECTION 1

GENERAL INFORMATION AND SAFETY

TO THE OWNER

GENERAL

This Manual has been prepared to assist you in the correct procedure for running-in, driving and operating and for the maintenance of your new tractor. Read this Manual carefully. Your tractor is intended for use in normal and customary agricultural applications.

If at any time you require advice concerning your tractor, do not hesitate to contact your authorised dealer. He has factory trained personnel, genuine manufacturers' parts and the necessary equipment to carry out all your service requirements.

Your tractor has been designed and built to give maximum performance, economy and ease of operation under a wide variety of operating conditions. Prior to delivery, the tractor was carefully inspected, both at the factory and by your dealer to ensure that it reaches you in optimum condition. To maintain this condition and ensure trouble-free operation, it is important that the routine services, as specified in Section 4 of this Manual, are carried out at the recommended intervals.

OPERATORS MANUAL STORAGE

A storage pocket for the Operators Manual can be found on the rear of the seat. The manual should be kept in this pocket at all times when not in use.

SAFETY

Pages 1-8 to 1-37 inclusive list the precautions to be observed to ensure your safety and the safety of others. Read the safety precautions and follow the advice offered **before** operating the tractor.

CLEANING THE TRACTOR

Your tractor is a state-of-the-art machine with sophisticated, electronic controls. This should be taken into consideration when cleaning the tractor, particularly if using a high pressure washer. Even though every precaution has been taken to safeguard electronic components and connections, the pressure generated by some of these machines is such that complete protection against water ingress cannot be guaranteed.

When using a high pressure washer, do not stand too close to the tractor and avoid directing the jet at electronic components, electrical connections, breathers, seals, filler caps, etc. Never direct a cold water jet at a hot engine or exhaust.

Failure to comply with these rules will render the warranty null and void.

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