

Maintenance Calculator Iniziamo!



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Aprile 2012 Revised (10-12) Perché?

Installazione

Come funziona?

Configurazione

- Configurazione: Parametri operativi della concessionaria
- ✓ Configurazione: Prezzi degli oli
- ✓ Configurazione: Prezzi di filtri e cinghie
- ✓ Configurazione: Tempo di manutenzione

Suggerimenti e raccomandazioni



Il **Maintenance Calculator** è concepito per aiutare la concessionaria nella formulazione dei preventivi per:

- Contratti di manutenzione
- ✓ Manutenzione programmata
- ✓ Estensione della garanzia

In non più di cinque clic e meno di tre minuti di tempo!

Il Maintenance Calculator genera un'indicazione di base del preventivo. La concessionaria può adattare questo risultato ai suoi specifici obiettivi.



Il Maintenance Calculator è concepito per funzionare con Microsoft Access 2010.

Per utilizzare questo software, procedere come indicato:

- ✓ Salvare il file compresso
- ✓ Estrarre il file sull'hard disk
- ✓ Si consiglia vivamente di salvare una copia come back up.

Se il computer sul quale intendete installare il programma non dispone di Microsoft Access 2010, non è comunque necessario acquistare una nuova licenza. Il database funzionerà utilizzando Access Runtime (utilizzo stand-alone o aggiornamento Access 2007).

Si ricorda che esistono due differenti versioni di Access Runtime: a 32 o 64 bit. Scaricare la versione adatta al sistema operativo installato sul computer. Nella slide seguente trovate il link per scaricare Access Runtime.











MaintenanceCalculatorEuro_D... Microsoft Office Access 2007 ... 2 152 Ko

http://www.microsoft.com/download/en/details.aspx?id=10910

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- 6	L 🛛 🥟	•	AccessRuntime.exe			175.5 MB	DOWNLOAD



Overview

AccessRuntime_X64.exe

Microsoft Access 2010 provides a rich platform for developing database management solutions with easy-to-use customization tools. If no end-user customization is required (including report modifications), you can choose to distribute those Access 2010 solutions so that they run without requiring a full installation of Access 2010 . To do so, you must package and distribute your application with the Access 2010 Runtime.

212.4 MB

DOWNLOAD

The Access 2010 Runtime is similar to previous runtimes in that all design-related UI is either removed or disabled.

You do not need to buy any special product in order to redistribute the Access 2010 Runtime. You can freely redistribute it or point users to this download.



Schermata principale

(· · · · · · · · · · · · · · · · · · ·	Ŧ	Main	tenanceCalculatorEu	uro_Doosan201202 : Ba	ise de données (A	ccess 2007) - Microsoft Ac	cess	_ = ×
Accueil	G I S A → 3 → 7 Police			tualiser out + Enregistrer Enregistreme	Orthographe Plus *	 ✓ Sélection ~ ✓ Options avancées ~ ✓ Appliquer le filtre Trier et filtrer 	Rechercher Rechercher € Rechercher	
e Avertissement de s	é curité Du contenu de la	base de données a été dé	ésactivé Options)
	DOOSAN		Planned	l Mainter	nance Q	uotation	•	쯋 Bobcat.
Mac	chine Designation						Y	
		CONTRACT				SCHEDULE		ICE
Total ope Length of	erating hours	CONTRACT	years			SCHEDULE	ED MAINTENAN	JCE
Total ope Length of Travel Co perform 1	erating hours f contract ost to 1 Service	CONTRACT	years	Quote !	Mainte	SCHEDULE		JCE Quote !



Accueil Accueil Accueil Coller Coller Coller Police Texte enrichi Presse-papiers Police Police Police Planned Maintenance Quotation Planned Maintenance Quotation	Creare un preventivo per un contratto di manutenzione in soli cinque clic!
	1. Selezionare la macchina
Total operating hours Image: Contract Length of contract years Travel Cost to perform 1 Service Quote !	 2. Indicare le ore di utilizzo totali durante il periodo del contratto 3. Durata del contratto 4. Costi di viaggio
Bobcat / Doosan Trading LTD does not guarantee nor accepts any responsibility regarding the accuracy and completeness of the information produced from this application. Bobcat / Doosan Trading LtD does not guarantee nor accepts any responsibility regarding the accuracy and completeness of the information produced from this application. Bobcat / Doosan Trading LtD does not guarantee nor accepts any responsibility regarding the accuracy and completeness of the information produced from this application. Bobcat / Doosan Trading LtD does not guarantee nor accepts any responsibility regarding the accuracy and completeness of the information produced from this application. Bobcat / Doosan Trading LtD does not guarantee nor accepts any responsibility regarding the accuracy and completeness of the information produced from this application. Bobcat / Doosan Trading LtD does not guarantee nor accepts any responsibility regarding the accuracy and completeness of the information produced from this application. Configuration	5. Ottieni il risultato!



Preventivo per un contratto di assistenza - slide 1 di 3

DOOSAN	Service	Contract Qu	otation	🐺 Bobcat.	
	Machine	DL200			
	Serial Number Total working hours Length of Contract in Years	4000 1,84033462773869E-75			
			÷.	Exit Ne	w quotation



Oils

Maintenance Point	Volume	First Maintenance	Maintenance Periodicity	Minimum maintenance / Year	Oil Number	Oil Designation	Packaging Size	Current Price / liter	Volume needed	Total Price (contract)
Engine oil	28	50	500	1	EOD	Engine oil	25	0,00€	224	0,15€
Coolant	40	2000	2000	1	CD	Coolant	25	0,00€	80	0,05 €
Front/ Rear axle oil	38	500	1500	1	AOD	Axle oil	25	0,00€	114	0,08 €
Trasmission oil	30	50	1000	1	TOD	Transmission oil	25	0,00€	120	0,08 €
Hydraulic oil	115	2000	2000	1	HOD	Hydraulic oil	25	0,00€	230	0,16 €
										0,52 €
4						III				•



Preventivo per un contratto di assistenza - slide 2 di 3



Filters and belts

Maintenance Point	Service to perform	First Maintenance	Maintenance Periodicity	Minimum Maintenance / Year	Part Number	Part Number Current Price	Qantity / Maintenance	Total Number	Total Price (contract)
Engine oil Filter	Replace filter	50	500	1	95.05510-5032	55,28€	1	8	451,11 €
Fuel filter	Replace filter	500	500	1	95.12503-5026	24,57 €	1	8	200,46 €
Pre fuel filter	Replace filter	500	500	1	K1006530	29,38€	1	8	239,77 €
Hydraulic oil filter	Replace filter	50	1000	1	474-00055	117,10€	1	4	477,77€
Pilot filter	Replace filter	500	500	1	K1009106	36,28€	1	8	296,07 €
Trasmission filter	Replace filter	250	1000	1	974-00021	65,77€	1	4	268,33€
Air Cleaner Outer Element	Replace filter	1000	1000	1	974-00040	78,40€	1	4	319,87 €
Air Cleaner inner Element	Replace filter	2000	2000	1	974-00039	44,13€	1	2	90,03 €
AC Cabin filter	Replace filter	1000	1000	1	471-00107	61,62€	1	4	251,40 €
Air Breather Element	Replace filter	1000	1000	1	K1029257	18,33€	1	4	74,80 €
Aircon Filter	Replace filter	1000	1000	1	400402-00001	35,27€	1	4	143,89€
belts Alternator	Replace the belt	1000	1000	1	65.96801-0194	22,15€	1	4	90,37 €
Aircon compressor belt	Replace the belt	1000	1000	1	2106-1019D25	14,05€	1	4	57,32€
									2 961,20 €
4									



Preventivo per un contratto di assistenza - slide 3 di 3



Labor and travel

Maintenance Periodicity	Number of Maintenances	Time / Maintenance	Total Maintenance Time	Labor rate	Total Labor Cost (Contract)	Cost of 1 Travel	Total Travel Cost (Contract)
250	8	3	24	58	1 420 €	100€	800€
500	4	4	16	58	947€	100€	400€
1000	2	5	10	58	592€	100€	200€
2000	1	10	10	58	592€	100€	100€
4000	1	10	10	58	592€	100€	100€
8000	0	10	0	58	0€	100€	0€
					4 141 €		1 600 €
Labor and trave account in the	el costs to perfe quotation abov	orm the first m ve.	naintenance (50 l	hours ar	nd/or 100 hou	irs) are not	taken in

Ш



Warranty Extension

Coverage	Туре	Years	Hours	Price
Full Machine	Parts, Labor and Mileage	2	4000	1 417,00 €
Full Machine	Parts Only	2	4000	850,00 €
PowerTrain	Parts, Labor and Mileage	2	4000	850,00 €
PowerTrain	Parts Only	2	4000	512,00 €

Il sistema visualizza anche l'opzione di estensione della garanzia, se la durata del contratto è compatibile con linee guida che regolano l'offerta dell'estensione della garanzia. In caso contrario, non viene mostrato alcun risultato.



Accueil Acu	MaintenanceCalculatorEuro_Doosan201202 : Bi Nouveau Atualiser Texte enrichi s a été désactivé Options Planned Mainter	ase de données (Access 2007) - Microsoft A Orthographe Plus - ents Trier et filtre Trier et filtre Trier et filtre	Access		Creare un preventivo per la manutenzione programmata in non più di tre
Machine Designation			× <		clic! 1. Selezionare la macchina
CONTRA	ACT	SCHEDUL	ED MAINTENANCE		
Total operating hours	years				2. Selezionare il tipo di manutenzione
Travel Cost to perform 1 Service	Quote !	Maintenance Type		Quote !	3. Preventivo
Bobcat / Doosan Trading LTD does no Bob Enr: M < 1 sur 1 >> M >> % Aucun filtre Rechercher	t guarantae nor accepts any responsibility regarding the accu cat/ Doosan Trading Ltd reserves the right to change any of th	racy and completeness of the information produced fri e information at any time without notice.	om this application.	nfiguration	



Preventivo per manutenzione programmata - slide 1 di 1



Maintenance Point	Volume needed	Peridodicity	First Maintenance	Service mini requested / Year	Oil Designation	Oil Number	Packaging Size	Price / Liter	Total Cost
Engine oil	28	500	50	1	Engine oil	EOD	25	0,00€	0,02 €
									0,02 €

Maintena	nce Point	Desci	iption		Periodicity	First Maintenance	Service mini requested / year	Part Number	Quantity	Total Cost
Engine oil Filter		Engine Oil Filter			500	50	1	95.05510-5032	1	55,28€
Fuel filter		Fuel Filter			500	500	1	95.12503-5026	1	24,57 €
Pre fuel filter		Fuel PreFilter			500	500	1	K1006530	1	29,38€
Pilot filter		Pilot filter			500	500	1	K1009106	1	36,28 🤆
	Service Type	Maintenance Time	Labor Rate	Labor Cost						145,52
	500	4	58	232,00 €						
SAN										

Configurazione

vertissement de sécurité Du contenu de la base de données a été désactivé Options	×
Planned Maintenance Quotation	
Machine Designation	
CONTRACT SCHEDULED MAINTENANCE	
Total operating hours	
Length of contract years	







Configurazione: Parametri operativi della concessionaria

	12) - (21 - 1 -		Ν	Microsoft Access						
Fi	chier									
	😑 Discount, La). Save								
	Family	Discount in % on Price List	Landing Cost Factor in %	Margin or Labor rate	Inflation % / Year	Comment				
•	BeltDoosan	0	0	40	2	"Discount " as % applied on the parts price list, "landing cost factor" as % applied on the purchase price. Margin in % you want to make by selling filters. Linear "Inflation" in % applied on the item,				
	FilterDoosan	0	0	40	2	"Discount " as % applied on the parts price list, "landing cost factor" as % applied on the purchase price. Margin in % you want to make by selling filters. Linear "Inflation" in % applied on the item,				
	Labor	0	0	58	2	Labor in Euros, Pounds or Dollars				
	OilDoosan	0	0	40	2	Discount " as % applied on the parts price list, "landing cost factor" as % applied on the purchase price. Margin in % you want to make by selling filters. Linear "Inflation" in % applied on the item,				
*		0	0	0	0					

Tutti i parametri in verde possono essere modificati. Cliccare su "Salva" per inserire nel database tutte le modifiche apportate. Il software ritorna quindi alla schermata di configurazione principale.



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Configurazione: Prezzi di filtri e cinghie

SpareParts : Up	date your purchase p	orices in green	
Part Number	Part Number Description	Part Number Price List	Family
2106-1019D10	belts Aircon Comp	6,45	BeltDoosan
2106-1019D24	belts Aircon Comp	11,61	BeltDoosan
2106-1019D25	belts Aircon Comp	8,43	BeltDoosan
2106-1019D28	belts Aircon Comp	11,55	BeltDoosan
2106-1019D29	belts Aircon Comp	9,04	BeltDoosan
2106-1021D26	belts Aircon Comp	6,69	BeltDoosan
2471-6050A	AC inner filter	21,16	FilterDoosan
2471-9401A	Oil Suction Filter	48,23	FilterDoosan

Tutti i parametri in verde possono essere modificati. Cliccare su "Salva" per inserire nel database tutte le modifiche apportate. Il software ritorna quindi alla schermata di configurazione principale.



Configurazione: Tempo di manutenzione

□ ") × (" × - Fichier			Microsoft Access 🗢 🗟	83
😑 Maintenance	Time : modify or	nly the paran	neter in green (time in hour).	
Machine	Service Type in hour	Maintenance Time		
DX140LC	250	3		
DX140LC	500	3		
DX140LC	1000	4		
DX140LC	2000	5,5		
DX140LC	4000	5,5		
DX140LC	8000	5,5		
DX180LC	250	3		
DX180LC	500	3		
DX180LC	1000	3		
DX180LC	2000	4		
DX180LC Enr: M - 1 sur 246 - M + X K Non filtr	4000 ré Rechercher	5.5		-

Tutti i parametri in verde possono essere modificati. Cliccare su "Salva" per inserire nel database tutte le modifiche apportate. Il software ritorna quindi alla schermata di configurazione principale.



Configurazione: Tabella di manutenzione

chier											
	Maintenance	Point							Sa	ave	
Machine	Maintenance Point	Service to perform	Service Type	Periodicity	First Time	Mini Nber of Services /Year	Part Number	Part Number Quantity	Oil Number	Oil Volume	
DX180LC	Air-Conditioning Outer Filter	Clean Air-Conditioning Outer Filter	CLEAN	500	500	4					
DX180LC	Front End Attachments	Inspect Pins and Bushings of the Front End Attachments for Signs of Wear.	CHECK	250	250	12					
DX180LC	Battery	Check Fluid Levels in Batteries and Battery Charge Levels	CHECK	250	250	12					
DX180LC	Nuts and Bolts	Inspect for Any Loose or Missing Nuts and Bolts.	CHECK	250	250	12					
DX225LC	Swing Gear and Pinion	Grease Swing Gear and Pinion.	GREASE	500	500	4					
DX180LC	Swing Gear and Pinion	Grease Swing Gear and Pinion.	GREASE	500	500	4					
DX180LC	Arm and Front Attachment Pins	Grease Arm and Front Attachment Pins.	GREASE	250	250	12					
DX180LC	Air-Conditioning Inner Filter	Check and Clean Air-Conditioning Inner Filter.	CLEAN	500	500	4					
DX180LC	Oil Cooler	Clean Oil Cooler.	CLEAN	500	500	4					
DX180LC	Radiator	Clean Radiator.	CLEAN	500	500	4					



Doosan / Bobcat Trading Ltd non assume e declina qualunque responsabilità relativa all'accuratezza e completezza delle informazioni generate con questo applicativo.

Doosan / Bobcat Trading Ltd si riserva il diritto di modificare qualunque parte delle informazioni in qualunque momento senza l'obbligo di darne preventiva comunicazione.

Aggiornamenti saranno rilasciati periodicamente per integrare i nuovi modelli. Gli aggiornamenti includeranno l'intero database e ciò significa che le modifiche introdotte dalla concessionaria nel file originario **NON SARANNO IMPLEMENTATE NELLE VERSIONI AGGIORNATE.**

Si consiglia vivamente di designare una specifica persona in ciascuna struttura quale responsabile per l'uso del Maintenance Calculator. Questa persona avrà il compito di supportare il reparto vendite e aggiornare le impostazioni implementate localmente.





THANK YOU Bobcat.