



Calculadora de Mantenimiento ¡Empiece a usarla!

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Abril del 2012
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¿Por qué?

La **Calculadora de Mantenimiento** está diseñada para ayudar al distribuidor a fijar el precio de:

- ✓ Contrato de mantenimiento
- ✓ Mantenimiento programado
- ✓ Ampliación de la garantía

¡Con solo 5 clics, en menos de 3 minutos!

Esta herramienta representa una base para la elaboración de presupuestos.

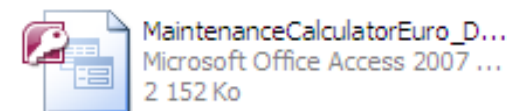
El distribuidor puede adaptar el resultado a sus objetivos.

Instalación

La calculadora de mantenimiento está diseñada para funcionar con Microsoft Access 2010.

Para ejecutar este programa, siga los siguientes pasos:

- ✓ Guarde el archivo comprimido.
- ✓ Extraiga el archivo en su disco duro.
- ✓ Se recomienda hacer una copia de seguridad del archivo.



Si no tiene Microsoft Access 2010 instalado en el ordenador, no necesita adquirir una licencia nueva. La base de datos funcionará con AccessRuntime (uso exclusivo o actualización de Access 2007).

Tenga en cuenta que existen 2 versiones diferentes de AccessRunTime: 32 o 64 bits.

La versión correcta depende del sistema operativo del ordenador. En la diapositiva siguiente se muestra la versión correcta de AccessRunTime.



AccessRuntime



AccessRuntime_X64

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

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Microsoft Access 2010 Runtime

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Quick links

- ↓ Overview
- ↓ System requirements
- ↓ Instructions



The Microsoft Access 2010 Runtime enables you to distribute Access 2010 applications to users who do not have the full version of Access 2010 installed on their computers.

Quick details

Version: 1 Date Published: 5/10/2010
Change Language:

Files in this download

The links in this section correspond to files available for this download. Download the files appropriate for you.

File Name	Size	
AccessRuntime.exe	175.5 MB	DOWNLOAD
AccessRuntime_X64.exe	212.4 MB	DOWNLOAD

Overview

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.

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.

[↑ Top of page](#)

¿Cómo funciona?

Pantalla principal

MaintenanceCalculatorEuro_Doosan201202 : Base de données (Access 2007) - Microsoft Access

Accueil

Couper, Copier, Presse-papiers, Police, Texte enrichi, Actualiser tout, Enregistrer, Supprimer, Enregistrements, Nouveau, Orthographe, Sélection, Options avancées, Appliquer le filtre, Trier et filtrer, Remplacer, Rechercher, Atteindre, Sélectionner

Avertissement de sécurité Du contenu de la base de données a été désactivé Options...

DOOSAN **Planned Maintenance Quotation** **Bobcat**

Machine Designation

CONTRACT		SCHEDULED MAINTENANCE	
Total operating hours	<input type="text"/>		
Length of contract	<input type="text"/> years		
Travel Cost to perform 1 Service	<input type="text"/> <input type="button" value="Quote !"/>	Maintenance Type <input type="text"/> <input type="button" value="Quote !"/>	

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¿Cómo funciona?

MaintenanceCalculatorEuro_Doosan201202 : Base de données (Access 2007) - Microsoft Access

Accueil

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**¡Obtenga la
tarifa del
contrato de
mantenimiento
en un máximo
de 5 clics!**

1. Selección de la máquina
2. Cantidad total de horas de trabajo realizadas durante el contrato
3. Duración del contrato
4. Gastos de desplazamiento
5. Obtención del resultado

¿Cómo funciona?

Tarifa del Contrato de servicio 1/3



Service Contract Quotation





Machine DL200

Serial Number

Total working hours 4000

Length of Contract in Years 1,84033462773869E-75

[Exit](#)[New 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 €

¿Cómo funciona?

Tarifa del Contrato de servicio 2/3



Filters and belts

Maintenance Point	Service to perform	First Maintenance	Maintenance Periodicity	Minimum Maintenance / Year	Part Number	Part Number Current Price	Quantity / 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 €

¿Cómo funciona?

Tarifa del Contrato de servicio 3/3



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 travel costs to perform the first maintenance (50 hours and/or 100 hours) are not taken in account in the quotation above.



Warranty Extension

Coverage	Type	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 €

Si la duración del contrato coincide con la póliza de ampliación de la garantía, también se muestra la propuesta de ampliación de la garantía. Si no coinciden, no se muestra ningún resultado.

¿Cómo funciona?

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**¡Obtenga la
tarifa de
mantenimiento
programado
en un máximo
de 3 clics!**

1. Selección de la máquina


2. Selección del tipo de
mantenimiento

3. Tarifa





¿Cómo funciona?

Tarifa de Mantenimiento programado 1/1



Scheduled Maintenance Quotation



 [Exit](#) [New quotation](#)

Maintenance Point	Volume needed	Periodicity	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 €

Maintenance Point	Description	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 €
							145,52 €

Service Type	Maintenance Time	Labor Rate	Labor Cost
500	4	58	232,00 €



Configuración

MaintenanceCalculatorEuro_Doosan201202 : Base de données (Access 2007) - Microsoft Access

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CONTRACT		SCHEDULED MAINTENANCE	
Total operating hours	<input type="text"/>		
Length of contract	<input type="text"/> years		
Travel Cost to perform 1 Service	<input type="text"/> <input type="button" value="Quote !"/>	Maintenance Type <input type="text"/> <input type="button" value="Quote !"/>	


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Configuración

Microsoft Access

Fichier



Configuration Module



Economical Dealer Data	Modify	"Discount" : % applied on price list price ("5" means 5%). "Landing Cost Factor" : added cost in % ("20" means 20%). "Margins" : the number is directly the final gross margin done in % ("40" means 40%). "Inflation" : inflation by year in % ("3" means 3%). Labor rate directly in Euros, Dollars or Pounds.	Exit
Oils prices	Modify	Purchase prices (Price list) of oils and spare parts (Filters, belts). In Dollars, pounds or euros.	<div>Regresar a la pantalla principal</div>
Filters and Belts prices	Modify		
Maintenance Times	Modify	Time in hours to perform the planned maintenance (250 hours, 500 hours, 1000 hours, ...). To be set for every machine designation.	
Maintenance table	Modify	Detail of all the services, spare parts, oils use to maintain the machines.	

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Configuración: Datos económicos del distribuidor

Microsoft Access

Fichier


Discount, Landing Cost Factor, Gross Margin, Inflation Rate, Labor Rate : set your rates in Green. 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	

Es posible modificar todos los parámetros que aparecen en color verde. Haga clic en « Save » (Guardar) para realizar los cambios en la base de datos. Regresará a la pantalla de configuración principal del programa.



Configuración: Precio del aceite

 Oils : Update your purchase prices in green Save

Oil Number	Oil Designation	Oil Price List	Packaging Size in liters
AOD	Axle oil	0,01	25
CD	Coolant	0,01	25
EOD	Engine oil	0,01	25
HOD	Hydraulic oil	0,01	25
SOD	Swing and travel reduction device oil	0,01	25
TOD	Transmission oil	0,01	25

Es posible modificar todos los parámetros que aparecen en color verde. Haga clic en « Save » (Guardar) para realizar los cambios en la base de datos. Regresará a la pantalla de configuración principal del programa.

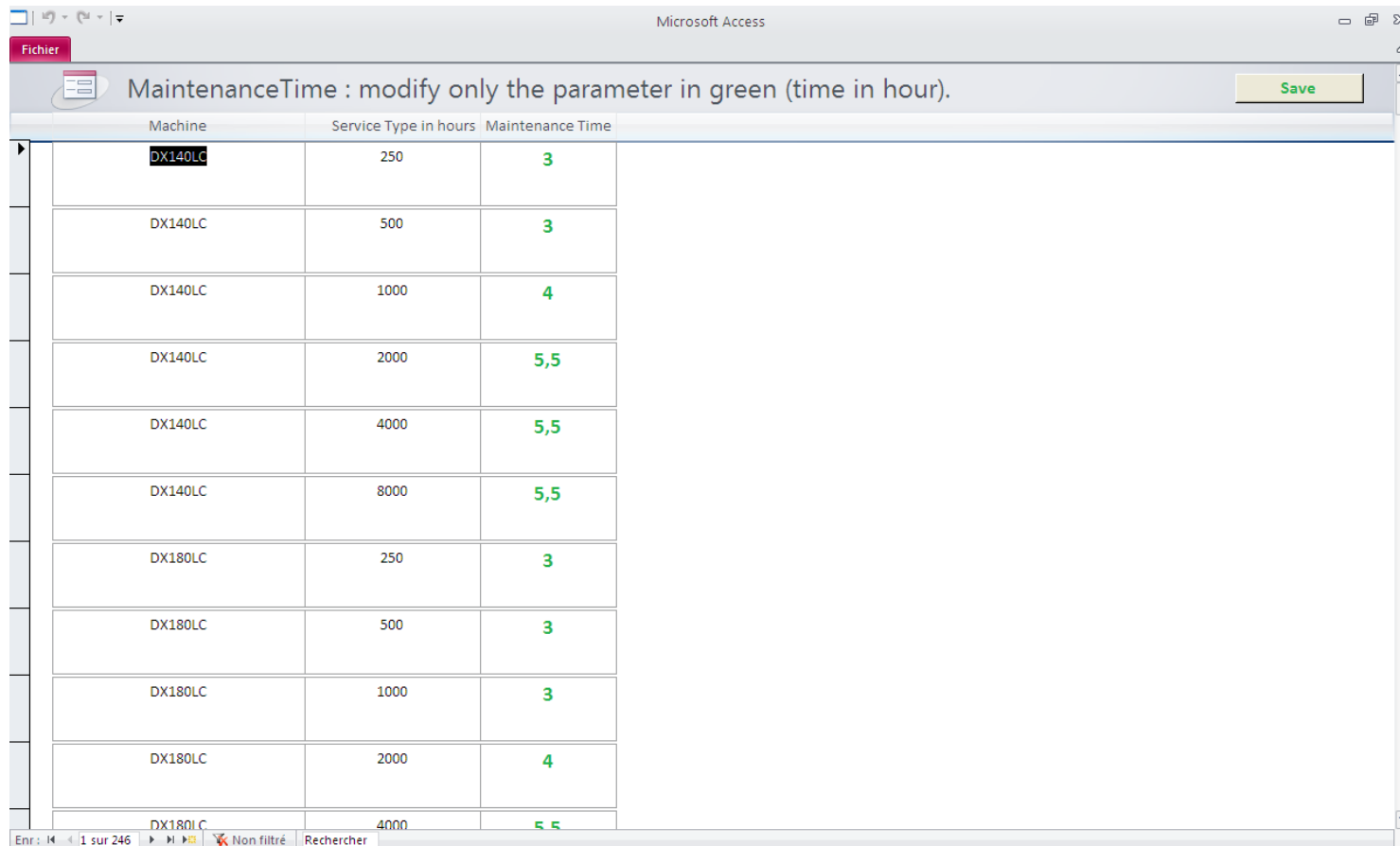


Configuración: Precio de filtros y correas

SpareParts : Update your purchase prices 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	

Es posible modificar todos los parámetros que aparecen en color verde. Haga clic en « Save » (Guardar) para realizar los cambios en la base de datos. Regresará a la pantalla de configuración principal del programa.

Configuración: Tiempo de mantenimiento



Microsoft Access

Fichier

MaintenanceTime : modify only the parameter in green (time in hour).

Save

Machine	Service Type in hours	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	4000	5,5

Enr : 1 sur 246 Non filtré Rechercher

Es posible modificar todos los parámetros que aparecen en color verde. Haga clic en « Save » (Guardar) para realizar los cambios en la base de datos. Regresará a la pantalla de configuración principal del programa.

Configuración: Tabla de mantenimiento

Microsoft Access

Fichier MaintenancePoint Save

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				

Enr : 1 sur 783 Non filtré Rechercher

Recomendaciones:

Doosan / Bobcat Trading Ltd no garantiza ni se responsabiliza de la exactitud e integridad de la información que genera esta aplicación.

Doosan / Bobcat Trading Ltd se reserva el derecho de realizar cambios en la información en cualquier momento sin previo aviso.

Periódicamente se proporcionarán actualizaciones con objeto de integrar modelos nuevos.

La actualización incluirá la base de datos completa. Esto significa que los cambios realizados en el archivo original **NO SE APLICARÁN EN LAS VERSIONES ACTUALIZADAS.**

Se recomienda designar a un responsable de la Calculadora de Mantenimiento en cada centro para que preste asistencia a los equipos de venta y actualice la configuración local.



THANK YOU

