

# WATER PUMPS

## EN

### Water Pumps

When you want to transfer water from one point to another, the most efficient and smooth way is using a suitable water pump. For selecting the most suitable water pump, the "pump characteristics curve" showing the relation between the values of (Flow-Q) and (Delivery head-Hm) is taken into consideration. Selecting the water pump according to the model of irrigation to be carried out (flooding, sprinkling, dropping) is a must for efficient work and long service life of the water pump. With the increasing effect of the global warming in recent years, utilization of decreasing surface and underground waters in the most effective manner has gained more importance. As a result of the efforts to decrease costs and increase the fertility of soil, the use of water pumps has increased rapidly.

## FR

### Motopompes

Lorsque vous souhaitez transporter de l'eau d'un endroit à un autre, vous souhaitez l'effectuer de la manière la plus efficace et la plus sûre possible et pour cela vous aurez besoin d'une motopompe. Lors de la sélection de la motopompe, "la courbe caractéristique d'une pompe" indiquant l'évolution des valeurs de (Débit-Q), (Hauteur manométrique-Hm) est prise en compte. La sélection de la motopompe selon la nature de l'arrosage (irrigation, pluie, égouttage) est essentielle pour l'efficacité du travail et la durabilité de la motopompe. Ces dernières années durant lesquelles le réchauffement planétaire a augmenté ses effets, l'utilisation de la manière la plus efficace des eaux de surface et des eaux souterraines en diminution a gagné en importance. Cependant, l'utilisation de motopompes est en augmentation dans le but de réduire le coût et augmenter l'efficacité du sol selon des études effectuées.

## ES

### Motobombas

Cuando desee transferir agua de un lugar a otro, debe hacerlo de la manera más eficiente y sin problemas, y necesita una motobomba adecuada. Se tiene en cuenta la "curva característica de la bomba", que muestra la variación de los valores (Debi-Q), (Altura de compresión-Hm) en la selección de motobomba. La selección de motobomba según el tipo de irrigación a realizar (liberación, aspersión, goteo) es esencial para el trabajo eficiente y la larga vida de la motobomba. En los últimos años, cuando el calentamiento global ha incrementado su influencia, el uso más eficaz de las aguas subterráneas y subterráneas se ha vuelto importante. Sin embargo, el uso de motobombas aumenta rápidamente en ambos estudios para reducir el costo y aumentar la eficiencia del suelo.



# WATER PUMPS



MODEL			3 LD 510 LK-4	3 LD 510 LY-3	4 LD 640 LY-3	4 LD 820 LY-3	4 LD 820 LS-4
Pump Type			Top Flapped Suction Sided, Centrifuge	Scroll Case, Centrifuge	Scroll Case, Centrifuge	Scroll Case, Centrifuge	Scroll Case, Centrifuge
Engine			Antor 3LD 510 12 HP Diesel	Antor 3LD 510 12 HP Diesel	Antor 4LD 640 13 HP Diesel	Antor 4LD 820 17 HP Diesel	Antor 4LD 820 17 HP Diesel
Engine Rotation	(rpm)		3,000	3,000	3,000	2,600	2,600
Accouplement Type			Monoblock, Single Bearing	Single Bearing, Direct Monoblock, Coupled	Single Bearing, Direct Monoblock, Direct	Direct Direct, Monoblock	Monoblock, Single Bearing
Packing Gland Type			Mechanic	Mechanic	Mechanic	Mechanic	Mechanic
Pump Inlet Diameter			4"	4"	4"	4"	5"
Pump Outlet Diameter			4"	3"	4"	4"	4"
Efficient Operating Range	Flow	ton/hour	10 - 85	20 - 55	20 - 60	20 - 80	20 - 175
	Head	(m)	32 - 10	65 - 25	75 - 25	65 - 25	40 - 5
Water Pump Weight	(kg)		140	125	160	165	175

Please contact us for alternative versions.



# WATER PUMPS



**ANTRAC  
ANT WP 50 30**



**ANTRAC  
ANT WP 80 30**



**ANTRAC  
ANT WP 80 30BD**



**ANTRAC  
ANT WP 100 30**



**ANTRAC  
ANT WP 100 30 E**



MODEL		ANT WP 50 30	ANT WP 80 30	ANT WP 80 30BD	ANT WP 100 30	ANT WP 100 30E
Inlet Diameter	(inch)	2	3	3	4	4
Outlet Diameter	(inch)	2	3	3	4	4
Max. Power	(kW)	3.8	4.4	4.4	7	7
Flow	(m <sup>3</sup> /h)	28	42	42	75	75
Total Head	(m)	26	28	28	25	25
Suction Head	(m)	5-7	5-7	5-7	4.5	4.5
Rotation	(rpm)	3,600	3,600	3,600	3,600	3,600
Fuel Tank	(l)	2.5	3.5	14	14	14
Full Load Hours		1.5	2.25	9	8	8
Net Weight / Gross Weight	(kg)	34/36	65/69	65/69	60/62	72/76
Dimensions	(mm)	530 x 445 x 550	565 x 460 x 550	565 x 460 x 735	680 x 520 x 660	680 x 520 x 660

Please contact us for alternative versions.

# MOTORHOES

## EN

### Motorhoes

This machine is used for cultivating the soil in small fields. When selecting the motorhoes, a machine suitable for the soil should be selected. The soil can be easily cultivated with diesel, gasoline and automatic motorhoes. The most prominent features of hoeing machines are anti-vibration wedges for ease of use, handlebar that can be adjusted 270 degrees on both sides, easily attachable/detachable durable blade system, powerful engine, 2/3 forward 1 reverse gear, oil level indicator, etc.

## FR

### Bineuses

C'est une machine utilisée pour labourer la terre dans les champs de petite superficie. Lors de la sélection de la bineuse, les machines concordant avec la structure de la terre doivent être sélectionnées. La terre est labourée facilement avec les bineuses au diesel, à essence et à vitesse automatique. Les cales anti-vibrations qui facilitent l'utilisation, un guidon réglable à 270 degrés vers la droite et vers la gauche, un système de lame robuste facile à monter et à démonter, un moteur puissant, deux vitesses avant, une vitesse arrière et fenêtre de niveau d'huile sont parmi les caractéristiques importantes des bineuses.

## ES

### Máquinas de anclaje

Son máquinas que se utilizan para procesar la tierra en terrenos no grandes. Al elegir una máquina de anclaje, se deben seleccionar máquinas adecuadas para la estructura de la tierra. La tierra se cultiva fácilmente con máquinas de anclaje con diesel, gasolina y de engranaje automática. Entre las características sobresalientes de las máquinas de anclaje se encuentran las cuñas antivibración que proporcionan facilidad de uso, un manillar que se puede ajustar 270 grados hacia la derecha e izquierda, un sistema de cuchilla robusto fácil de desmontar e insertar, motor potente, dos marchas hacia atrás y ventana de servicio de aceite.





MODEL		ANTRAC SMART
Engine Model		Honda GX 200 / Gasoline
Power	(HP)	6,5
Cooling System		Air Cooled
Air Filter		Oil Bath
Fuel Tank Capacity	(l)	3.1
Fuel Consumption	(gr/HP-h)	230
Power Transmission		Continuous Infinite Automatic Gear Box
Weight	(kg)	90
Operating Width	(min/ max.)	660 / 940

MODEL		ANTRAC 200 ALFA GP	ANTRAC 200	ANTRAC 320	ANTRAC 510
Engine Model		Honda GP 200 / Gasoline	Honda GX 200 / Gasoline	Antor AD 320 / Diesel	Antor 3LD 510 / Diesel
Power	(HP)	6.5	6.5	6.5	12
Cooling System		Air Cooled	Air Cooled	Air Cooled	Forced Air
Air Filter		Oil Bath	Oil Bath	Oil Bath	Oil Bath
Fuel Tank Capacity	(l)	3.1	3.1	5	5.5
Fuel Consumption	(gr/HP-h)	230	230	220	195
Starting System		Rope Start	Rope Start	Rope Start	Rope/Recoil/Electric Starter
Clutch		Dry Tapered Type	Dry Tapered Type	Dry Tapered Type	Dry Taper Type
Power Take Off	Main Shaft B20x17 - DIN5482	Counterclockwise at engine speed (viewed from the rear end) (max. 3,600 rpm)	Counterclockwise at engine speed (viewed from the rear end) (max. 3,600 rpm)	Counterclockwise at engine speed (viewed from the rear end) (max. 3,600 rpm)	Counter Clockwise at Engine Speed
	Layshaft B20x17 - DIN5482	Clockwise (viewed from the rear end) (max. 1. gear 93 rpm, 2. gear 130 rpm, reverse gear 68 rpm)	Clockwise (viewed from the rear end) (max. 1. gear 1,376 rpm, 2. gear 2,358 rpm, reverse gear 658 rpm)	Clockwise (viewed from the rear end) (max. 1. gear 1,376 rpm, 2. gear 2,358 rpm, reverse gear 658 rpm)	Layshaft Speed**
Power Transmission		Gear Box 2 Forward + 1 Reverse	Gear Box 2 Forward + 1 Reverse	Gear Box 2 Forward + 1 Reverse	Gearbox With 3 Forward + 1 Reverse
Machine Weight	(kg)	80 (with hoe) 83 (with wheel)	80 (with hoe) 83 (with wheel)	104 (with hoe) 107 (with wheel)	172 (With Cutters) 175 (With Wheels)
Machine Dimensions (HxLxW)	(mm)	960 x 1,440 x 920	750 min. / 1,150 max. 1,430 x 940	750 min. / 1,150 max. 1,430 x 940	1650 x 1130 x 1140
Operating Width	(mm)	690 min. / 930 max.	660 min. / 940 max.	600 min. / 940 max.	780 min. / 1,130 max.

\*\*1st:923; 2nd 2032; 3rd 2571 rpm Clockwise Rev: 517 rpm Counter clock wise (Engine speed 3000 rpm)

# CONSTRUCTION MACHINERIES



PRODUCT MODEL	MODEL	SPECIFICATIONS	ENGINE
Walk Behind Double Drum Roller	CTS600	20 kN Centrifugal Force: 600 kg Double Drum	Lombardini 15 LD 350 (7.5 HP)
Vibratory Plate	TK15 / 45B	15 kN Centrifugal Force: 90 kg Baseplate Dimensions 45 x 60 cm	Honda GX 160 (5.5 HP)
Power Trowel	PM900B	Blade Diameter: 940 mm	Honda GX160 (5.5 HP) or GX 200 (6.5 HP)
Asphalt Concrete Cutter	ABK13B	170 mm Cutting, Manuel Forward, 106 kg	Honda GX 390 (13 HP)
Light Towers	IK4000	Dimensions: 1500 x 4300 x 1700 mm 3,000 rpm Rotation, 740 kg	Lombardini LDW1003 (28 HP) Diesel Water Cooled, 4 Stroke 3 Cylinder