

## 为卡车和货车上的液压工具提供液压动力

### HYDROBOX

结构很紧凑、可以很容易的安装在卡车、货车和其它的运输工具上，为液压工具提供强大而又经济的动力来源

### HYDROBOX

还可以为交通工具以外的其它的液压工具提供动力，如空气压缩机、液压发电机及其它一些特殊的液压工具如液压锤、液压锯、液压驱动水泵、钻孔机、岩心钻、修枝剪、通风设备、救援工具和各种各样的液压装备。

HYDROBOX 与液压电焊机和液压电焊机配合使用，甚至可以提供电源。

## HYDRAULIC AUXILIARY GROUP FOR POWERING HYDRAULIC TOOLS FROM TRUCKS AND VANS

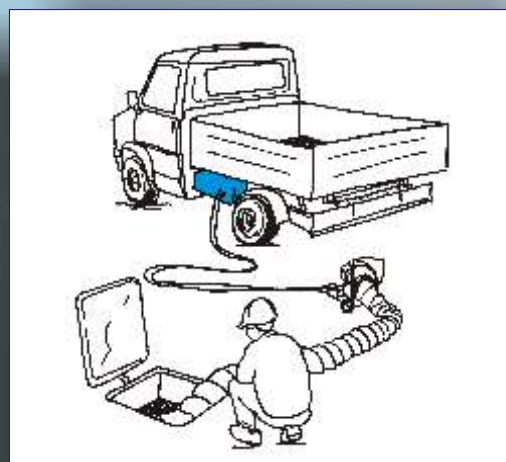
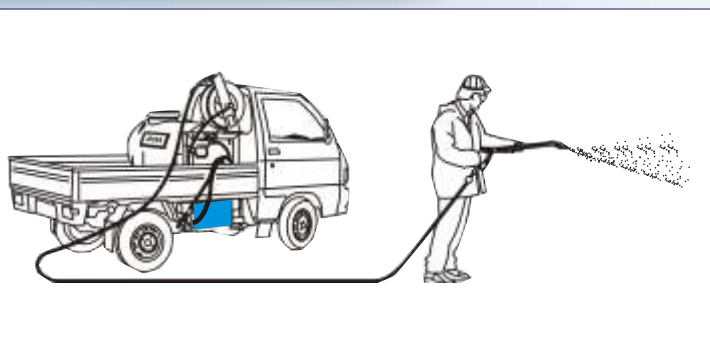
*HYDROBOX is a compact hydraulic accessory that can be installed on trucks, pick up, vans and other working vehicles transforming them in powerful and economical power sources of hydraulic tools.*

*HYDROBOX exploits the hydraulic circuits of these vehicles eliminating the need to transport air compressors and generators allowing to power in autonomy and with incredible power hydraulic tools like breakers, disc saws, water pumps, drills, core drilling tools, earth augers, ventilators, pruners, hydro cleaners, rescue tools and various hydraulic equipment.*

*WITH HYDROBOX IS ALSO POSSIBLE TO GENERATE ELECTRICITY AND EVEN WELDING BY USING GENERATORS AND WELDERS WITH HYDRAULIC MOTORS PRODUCED BY DOA.*

HYDROBOX 设计的非常紧凑、占用的空间很小，可以安装在车辆里甚至装在车的下面（像一个小的工具箱），不需进行很多改动。仅用两根软管连接到安装在卡车的泵上就可以很好的工作。

*HYDROBOX is an accessory designed for professional use that occupies little space, can be fitted on the machines also under the loading surface (just like a common tool box) it does not require approvals or special permissions, for its installation only thing required is the connection with two hoses to the hydraulic pump of the trucks that will be transformed from a simple transport vehicle into a versatile and efficient working machine.*



# HYDROBOX

## 使用HYDROBOX的优点

### THE ADVANTAGES IN THE USE OF HYDROBOX

### 安全

由于液压工具的这些特点，使得它的安全性在今天已经很有名气。电动、气动、发动机驱动工具的安全性都不如液压工具，它的安全性能是最好的。

### 噪音

普通机器只是在空转时噪音才降低、而液压工具在整个工作过程中噪音都大降低。由于它的这此优点，使得它成为城市建设、晚上工作以及一些特殊场合工作的理想工具。

### 动力和生产率

液压工具有不可思议的动力，使用液压工具可以大大提高生产率

### 经济性

该工具价格实惠而且运行费用也不高，维护成本低。

### 多功能与高效

该机器增加了各种功能，提供了很多方便之处。可以代替空气压缩机、发电机以及其它燃油机器，由于这些优点，使该工具操作起来更容易、更易学。

### 典型应用

煤气、自来水管道的维护，城市和道路维修，军事和民用部门，海军、铁路，灾害救援等工作。

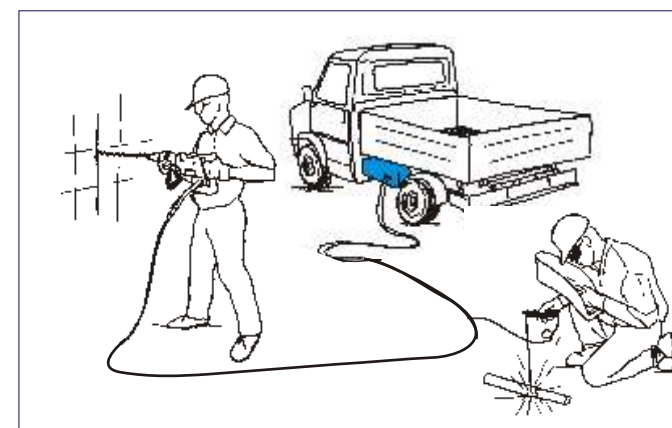
### 典型设备

卡车、搬运车、货车，军用车辆，履带车辆，所有的地面车辆，船舶，拖拉机等。

### SAFETY

*The hydraulic tools thanks to their characteristics, assure many advantages in terms of safety that are today well known.*

*Electric, pneumatic and engine tools cannot assure the same level of protection and comfort of the operators. Maximum safety of use is implicit with the hydraulic tools*



### QUIETNESS

*The vehicles engines, that are used at idle, are already silenced, this united with the well known quietness of hydraulic tools assure a substantial reduction of the noise. Thanks to these advantages the system is ideal in all urban works and particularly in the night works or in areas at total acoustic respect*

### POWER AND PRODUCTIVITY

*This is another unbeatable point of strength of the system. The use of hydraulic tools allow to handle high power, this means rapidity of work and improved productivity*

### ECONOMY

*The group has affordable price and extremely limited running costs due also to the fact that engines are used at idle. It requires just a minimal and easy maintenance.*

### VERSATILITY AND EFFICIENCY

*The system increases the versatility and the functions of machines while giving a series of implicit conveniences: it is always ready to work, eliminate the presence of bulky air compressors and generators and their fuels, leaves more space available allowing the transportation of more material, avoids to make difficult and unsafe operations of loading/down loading and lifting of weights. Thanks to these advantages its use will become soon familiar and will make all the operations easier.*

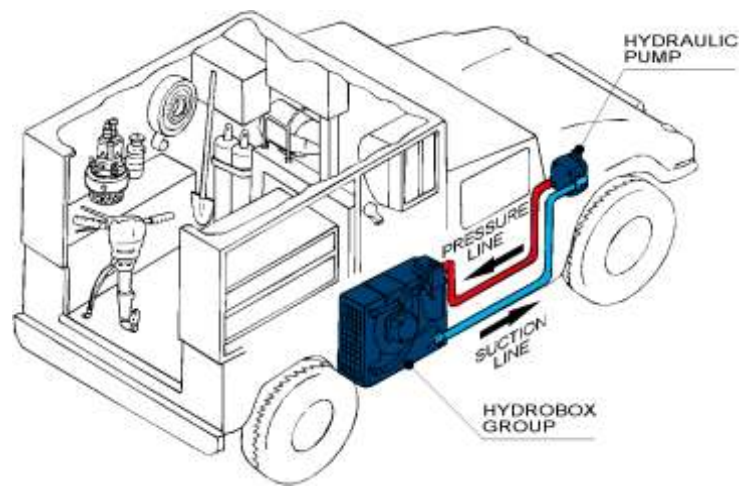
### TYPICAL WORKS

*Gas water and utilities networks maintenance, urban and road maintenance in general, military and civil protection works, naval and rail road sectors, environmental reclamation works*

### THE TYPICAL MACHINES

*Trucks, pick up, vans, military vehicles, all terrain vehicles, tracked vehicles, boats, tractors.*

技术参数		/ TECHNICAL CHARACTERISTICS	
含油重量	WEIGHT WITH OIL	Kg	30
尺寸	/ DIMENSION	cm	53 x 27 X H 33
液压参数		/ HYDRAULIC CHARACTERISTICS	
油箱容量	OIL TANK CAPACITY	litri litres	10 (根据需要可以增加油箱容量)
最大流量	MAX FLOW	l/min	38
最大压力	MAX PRESSURE	bar	190
冷却器	COOLER	用液压马达或12v电压驱动的高效冷却器	
阀的开关	ON / OFF VALVE BLOCK	三通，带溢流阀 Three ways with relief valve and orientable couplers for impacts protection. Can receive other oil return lines.	



### 如何工作

经常一些起卡车上没有液压或者是仅仅有很小的液压系统，仅能驱动很小的油港或者是进行很短暂的操作。在车辆上安装HYDROBOX后这些机器就可以提供很好的液压动力，可以驱动更多的工具，工作更长的时间。由于有高效的冷却器，即使在热带地区也能高削运行。

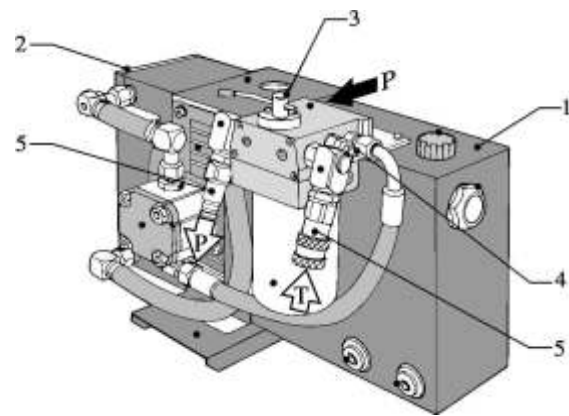
装配的元件有：1) 油箱、2) 油冷却器带离心风扇或12v的风扇、(3) 流量控制阀块、(4) 溢流阀、(5) 快速接头，以及过滤器和软管。

以上零部件都是按高标准制作的，封装在一个箱子里，很容易安装到各种车辆里，该工具必须安装到机器的油泵上才可以工作。

注意：HYDROBOX仅能被安装在有液压泵或参够安装液压泵的机器上

HYDROBOX 与液压电焊机和液压电焊机配合使用，甚至可以提供电源。

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### HOW IT WORKS

Often the trucks have no hydraulics at all or are equipped with a minimal hydraulic system usable only for powering cranes or the dumping cylinder or for short operations, installing the HYDROBOX these machines become professional activators of hydraulic accessories capable to power them for hours even in hot climates assuring convenient cooling, filtration and providing rational and easy compact package of the components. The OEM manufacturers of the machines will be relieved to find all the parts and to put them together, this will save time eliminating also cumbersome and improvised auxiliary circuits. The group is formed by assembling: oil tank(1), high efficiency oil cooler with centrifugal fan or 12 Volt electric fan as needed (2), oil control block with flow lever (3) and relief valve (4), quick couplers on swivel fittings (5), filter and piping. The parts are made with high standard of construction and are enclosed in a compact square box that can be easily fitted on all vehicles in the more convenient position, the group must then be hydraulically connected to the oil pump of the machine and in few hours of work the HYDROBOX is ready to work.

NOTE: The Hydrobox can be installed only on machines with an hydraulic pump or that have the possibility to install the pump.



更小的噪音  
更少的疲劳  
更少的费用  
更轻的重量  
更少的问题

更安全  
更高的生产率  
更有效的空间  
更实用  
更强的动力



卡车、货车上所用的专业液压单元

现代化的液压单元用于驱动城市和公共设施维护的液压工具，液压锤、液压驱动水泵、钻孔机、磨削机、通风机、修剪机、发电机电焊机等

# HYDROBOX

PROFESSIONAL HYDRAULIC GROUP FOR TRUCKS AND VANS

the modern system for powering hydraulic tools from trucks in the urban and utilities maintenance  
BREAKING - WATER PUMPING - DRILLING - GRINDING - SAWING - VENTILATIONS - PRUNING  
CURRENT GENERATION - WELDING

Less Noise  
Less Fatigue  
Less Weights  
Less Costs  
Less Problems

More Safety  
More Productivity  
More Space Available  
More Practicality  
More Power