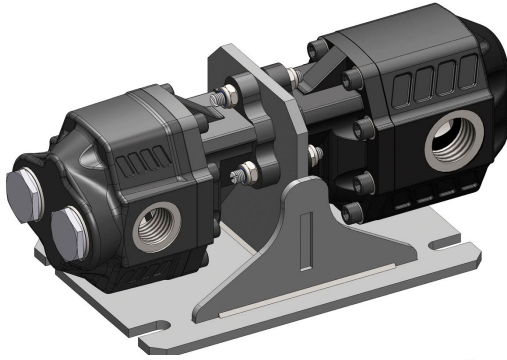


GRUPPO MOTORE/POMPA UNI 3 FORI UNI 3-HOLE MOTOR/PUMP GROUP

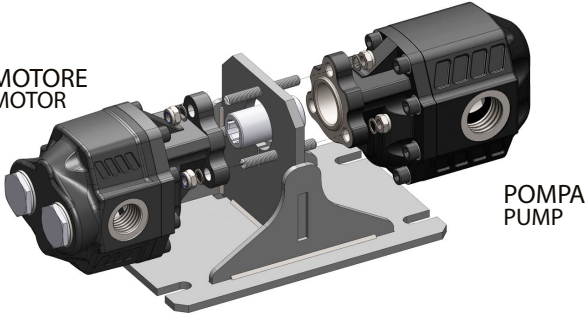
CODICE
CODE

105913

HYDROTIP



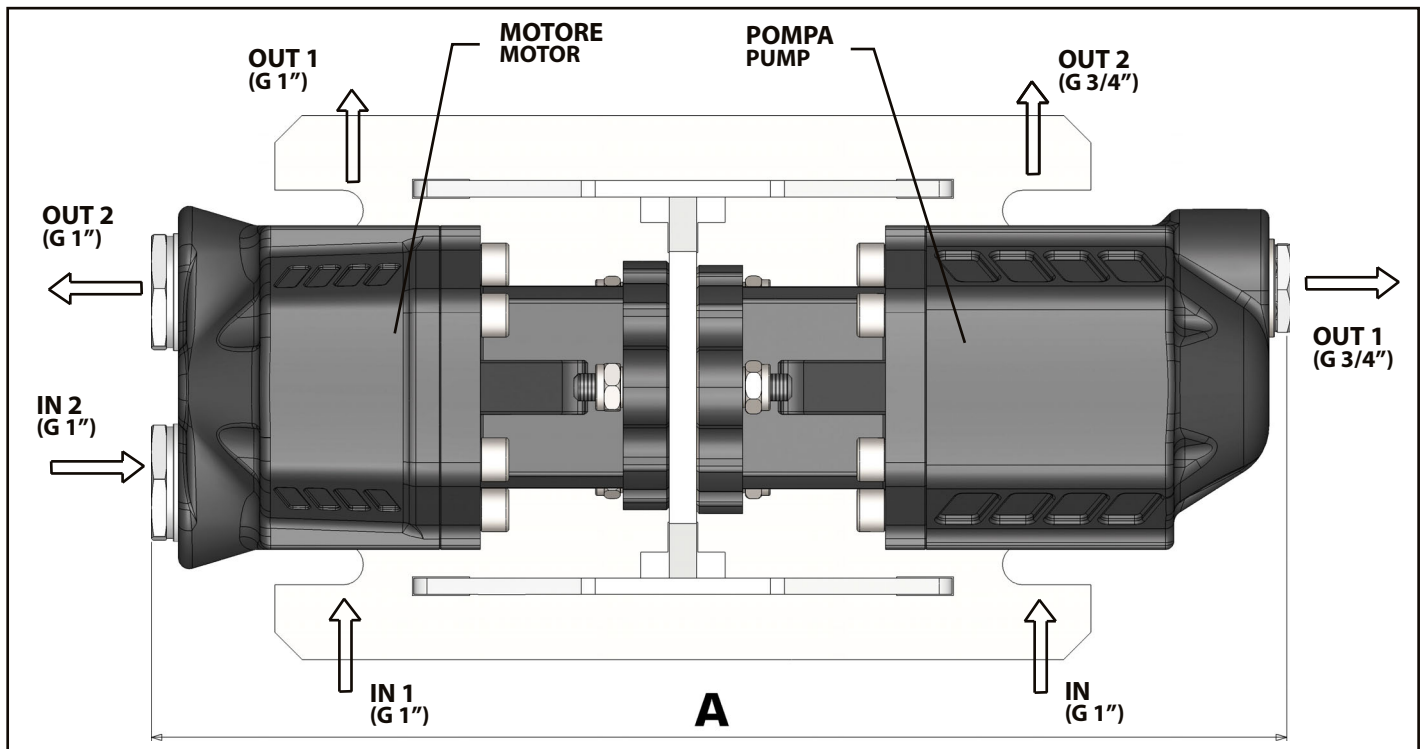
MOTORE
MOTOR



POMPA
PUMP

Hydrotip è un dispositivo oleodinamico che trasmette l'energia idraulica dal trattore all'impianto idraulico per l'azionamento del rimorchio ribaltabile. E' costituito da un Motore accoppiato ad una pompa, entrambi ad ingranaggi della collaudata serie NPH, montati su una staffa in acciaio che funge da supporto e ne semplifica l'installazione sul timone del rimorchio. E' disponibile in tre configurazioni, in maniera da poter garantire il giusto bilanciamento energetico a seconda che si debba privilegiare la portata a scapito della pressione o viceversa. Grazie ad Hydrotip è possibile utilizzare il rimorchio ribaltabile senza collegare il cardano del trattore, a totale beneficio della sicurezza e della manovrabilità del mezzo senza perdere in prestazioni.

HYDROTIP is a hydraulic assembly, which transfers the hydraulic power from the farm tractor to the hydraulic circuit required to operate the tipper trailer. It is composed of hydraulic motor coupled to a pump, both gear units of the proven and successful NPH series, fitted together by means of a steel bracket, which allows an easy mounting onto the trailer drawbar. It is available in three different sizes in order to offer the best balance between flow and pressure according to customer's needs. Thanks to HYDROTIP it is now possible to use the tipper trailer without connecting the cardan shaft with great advantage of safety conditions and enhanced maneuverability of the vehicle without affecting the performances.



Configurazioni premontate / Pre-assembled configurations

Codice / Code	Pompa / Pump	Motore / Motor	A
10591361626	NPH 61 SX	MTH 61	390
10591361742	NPH 73 SX	MTH 61	400
10591373622	NPH 61 SX	MTH 73	396

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Россия +7(495)268-04-70

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)204-63-61
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Новосибирск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Казхстан +7(7172)727-132

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

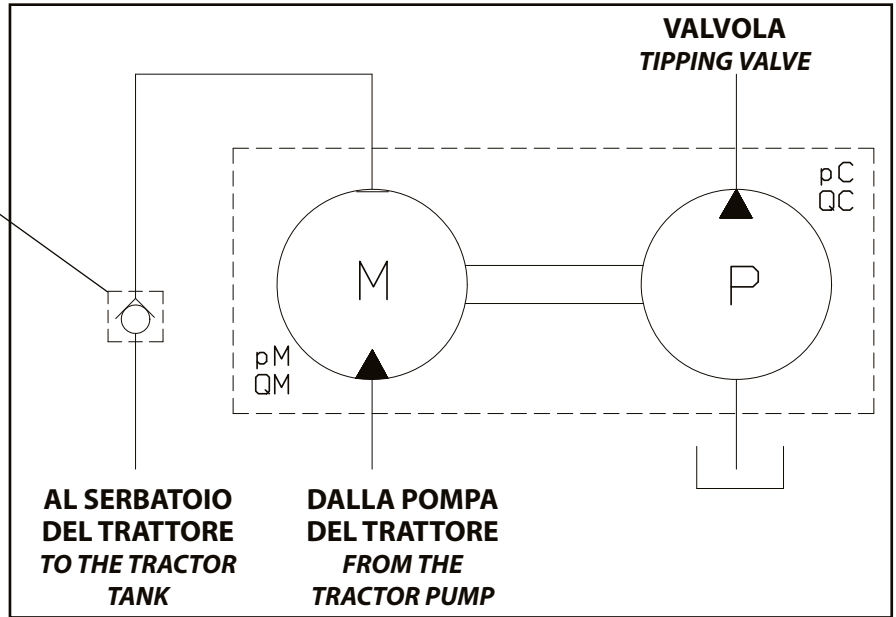
Киргизия +996(312)96-26-47

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

SCHEMA MOTORE / POMPA - MOTOR / PUMP SCHEME

Prevedere valvola di non ritorno per evitare possibili danneggiamenti dovuti ad errori di montaggio delle tubazioni od azionamenti errati.

In order to avoid any mistake caused by improper hoses installation or wrong use, it is advisable to install a check valve.



p_M = pressione in ingresso al motore (coincidente con la pressione della pompa trattore)

Q_M = portata in ingresso al motore (coincide con la portata della pompa del trattore).

p_C = pressione del cilindro (coincide con la pressione della pompa).

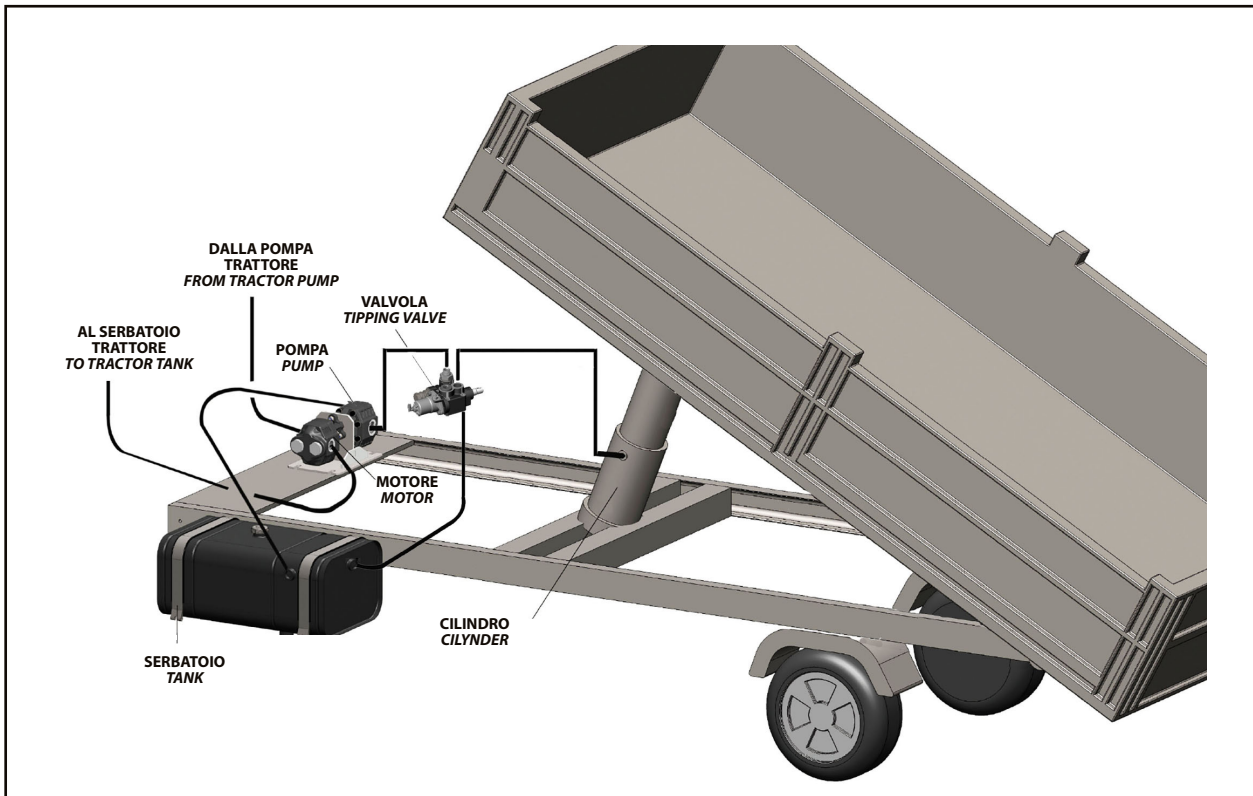
Q_C = portata cilindro (coincide con la portata della pompa).

p_M = inlet motor pressure (same as tractor pump pressure).

Q_M = inlet motor flow (same as tractor pump flow).

p_C = cylinder pressure (same as pump pressure).

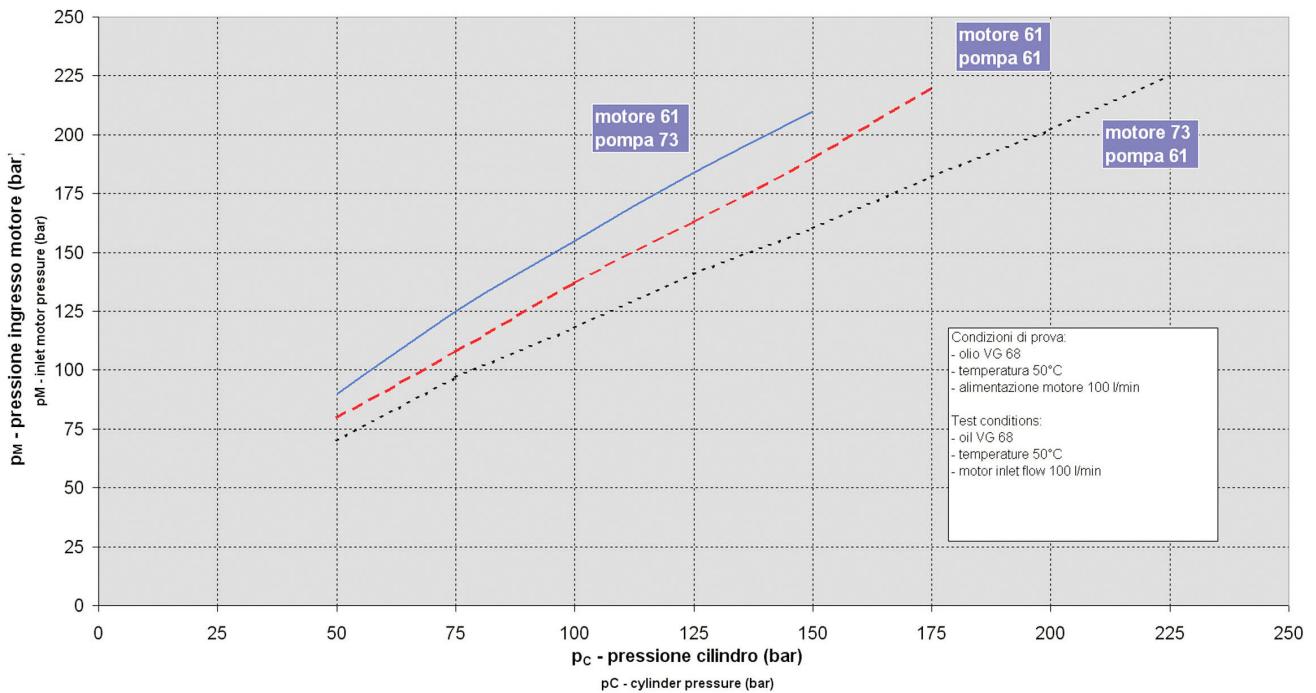
Q_C = cylinder flow (same as pump flow).



GRUPPO MOTORE/POMPA UNI 3 FORI
UNI 3 HOLES MOTOR / PUMP GROUP

Diagramma relazione p_C - p_M

Diagram p_C - p_M

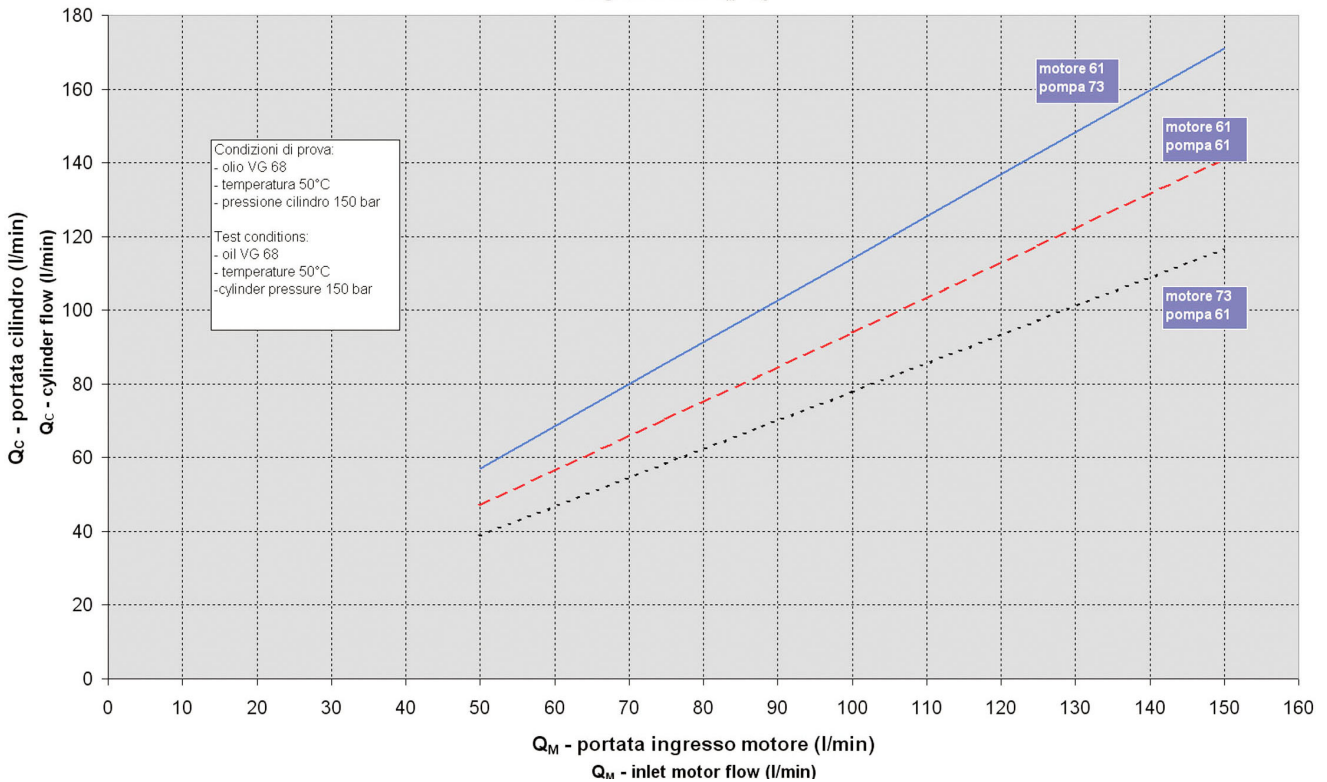


Nota la pressione di lavoro del cilindro (p_C) si individua la pressione necessaria al motore idraulico (p_M) che coincide con la pressione della pompa del trattore.

Once cylinder working pressure is known (p_C) you can get the hydraulic motor pressure (p_M), which is the same as the truck pump pressure.

Diagramma delle portate Q_M - Q_C

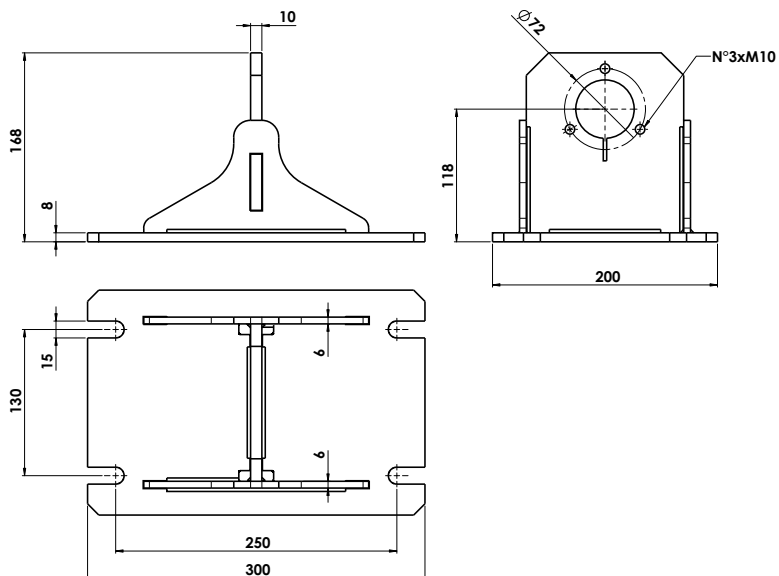
Diagram of flow Q_M - Q_C



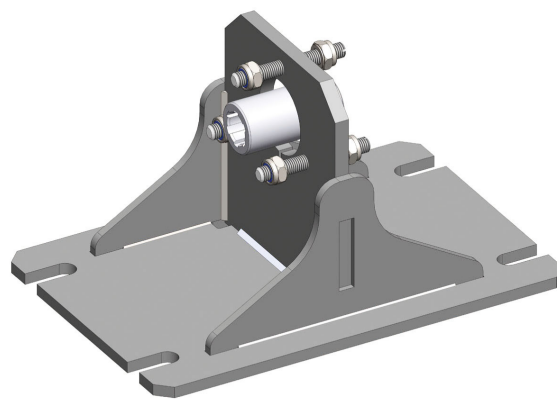
Nota la portata della pompa del trattore che è uguale alla portata in ingresso al motore (Q_M), si individua la portata al cilindro (Q_C) nota la quale si può calcolare la velocità di apertura completa del cilindro.

Once truck pump flow is known, which is the same as inlet motor flow (Q_M), you can get cylinder flow (Q_C). Consequently you know also the cylinder full extending speed.

DIMA DI FORATURA E DIMENSIONI / HOLE PATTERN AND DIMENSIONS

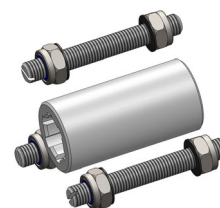


KIT SUPPORTO COMPLETO / ASSEMBLY KIT



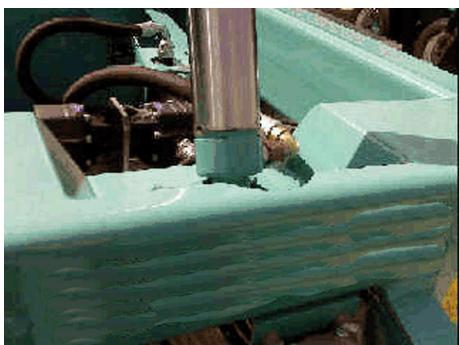
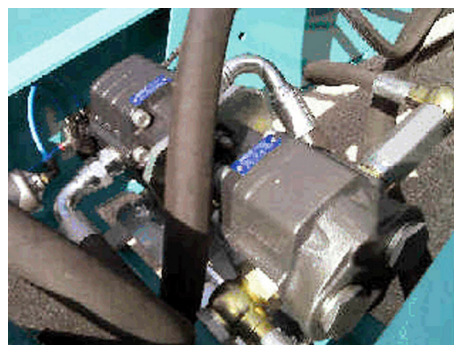
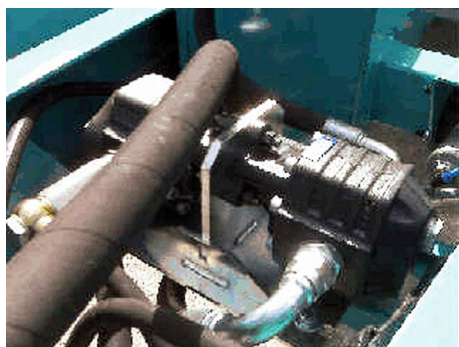
Codice/Code: 10300400187

**APPLICAZIONE UNI-UNI MONTAGGIO HYDROTIP
HYDROTIP UNI-UNI 3 BOLTS COUPLING**



Codice/Code: 10300400196

ESEMPI DI APPLICAZIONI / APPLICATIONS EXAMPLES



Алматы (727)495-231
Ангарск (395)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89

Россия +7(495)268-04-70

Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижегород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
Псков (8112)59-10-37
Пермь (342)205-81-47

Казахстан +7(7172)727-132

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Сургут (3462)77-98-35
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35

Киргизия +996(312)96-26-47

Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93