

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

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
Нижний Новгород (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
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
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
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

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

www.sep.nt-rt.ru | | spj@nt-rt.ru

Технические характеристики на насосы для минерального шлама серии GSP MK/L/R для тяжелых условий эксплуатации компании **SEP Pumps and Motors**

GSP-MK/L/R

Serisi / Series

GSP MK/L/R Ağır Hizmet Mineral ve Çamur Pompaları

GSP MK/L/R Series Heavy Duty Mineral Slurry Pumps

Uygulama Alanları

Application Fields

- Mining and mineral processing
- Highly abrasive slurries
- Slurry transfer
- Cyclone feed
- Mine tailings
- Sand and gravel processing
- Industrial processing
- Coal and power plant ash
- Mining duty abrasive slurries
- Fertilizer
- Pulp & paper
- Lime slurry

Operating Limits

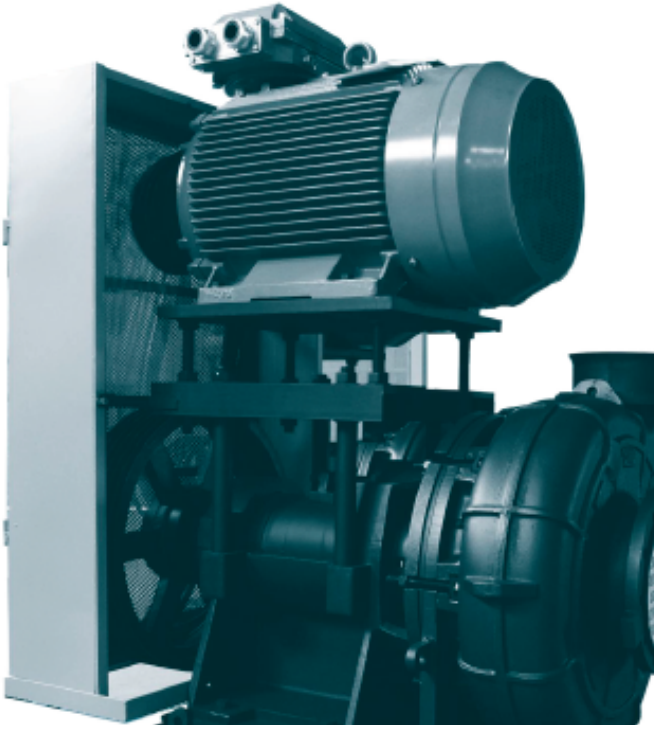
Capacity (Q) : up to 4500 l/sec
Manometric Height (Hm) : up to 100 mWc
Operating Temperature (t) : from -20 °C up to +120 °C
Washable with superheated steam (Max. 450 °C)

Design

• SEP GSP MK / L / R series mineral/slurry pumps are designed and manufactured to be used under heavy conditions such as mining and mine processing plants to pump extremely abrasive fluids.

According to the type of the pumped fluid they are assembled with; Single / double bladed, non clogging type impellers, Open impellers type with front wear plate, Vortex type impellers, Screw type impellers.

- GSP MK type slurry pumps are designed without liner inside. Both volute and impeller are made of high chrome steel materials.
- GSP MK L type slurry pumps are using liner inside which is supported by two half volutes. Liner and impeller is made of high chrome steel.
- GSP MK R types slurry pumps are made of rubber impeller and liner.
- GSP MK/L/R series mineral/slurry pumps are heavy duty operation pumps with their wide constructional and material options as mentioned above. Material and construction options give the pump high efficiency, long operational life and low cost maintenance features.
- The constructional and hydraulic design options allow these pumps to cover a very wide range of application field. The modular constructional feature is the main gateway to reduce the spare parts type and lower the stock cost. Depending on the application, there are a very wide range of material combination options.
- New generation MK series has double wear compensation system to keep the hydraulic performance constant by not disturbing pipe connections.



Kodlama / Designation

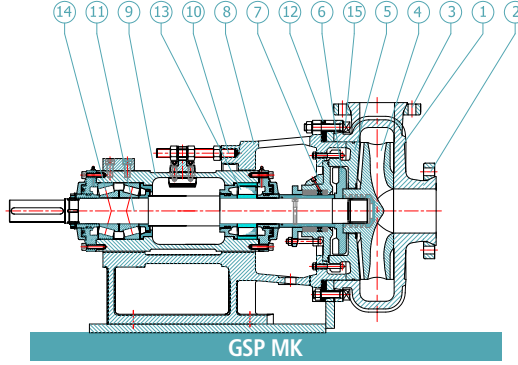
GSP MK-X 200 / 400 X - XX

- Montaj Şekli / Installation Type
- Yatak Tipi / Bearing Type
- Çark Anma Çapı (mm) / Impeller Nominal Dia. (mm)
- Basma Ağzı Çapı (mm) / Discharge Nominal Dia. (mm)
- Astar Tipi (Boş: Astarsız, L: Metal, R: Kauçuk) / Liner Type (Blank: Without Liner, L: Metal Liner, R: Rubber Liner)
- Seri Adı / Serie Name

Kesit Resimleri ve Standart Malzemeler

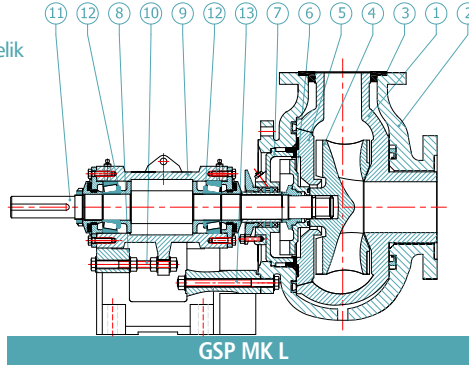
Sectional Views and Standard Materials

- 1- Salyangoz / Yüksek Kromlu Çelik
- 2- Emme Flanşı / Karbonlu Çelik
- 3- Basma Flanşı / Karbonlu Çelik
- 4- Özel Tasarım Çark / Yüksek Kromlu Çelik
- 5- Aşınma Plakası / Yüksek Kromlu Çelik
- 6- Expeller / Yüksek Kromlu Çelik
- 7- Salmastra Kutusu / Yüksek Kromlu Çelik
- 8- Yatak Gövdesi / Dökme Demir
- 9- Ayarlanabilir Kartuş Yatak / Dökme Demir
- 10- Eksenel Ayar Saplaması / Çelik
- 11- Mil / Karbonlu Paslanmaz Çelik
- 12- Ayar Levhası / Galvanizli Sac
- 13- Rulman / SKF_FAG
- 14- Rulman / SKF_FAG
- 15- Yatak Cıvatası / Çelik



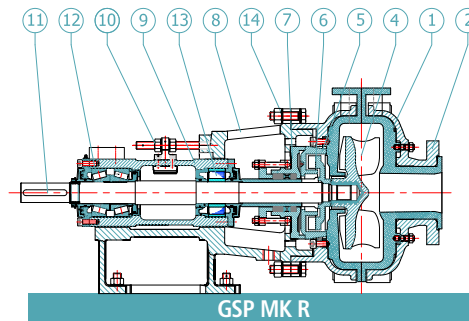
- 1- Volute Casing / High Chrome Steel
- 2- Suction Flange / Carbon Steel
- 3- Discharge Flange / Carbon Steel
- 4- Impeller / High Chrome Steel
- 5- Wear Plate / High Chrome Steel
- 6- Expeller / High Chrome Steel
- 7- Stuffing Box / High Chrome Steel
- 8- Bearing Bracket / Cast Iron
- 9- Adjustable Bearing Cartridge / Cast Iron
- 10- Axial Adjusting Bolt / Steel
- 11- Shaft / Carbon Stainless Steel
- 12- Adjusting Plate / Galvanized Sheet
- 13- Ball Bearing / SKF_FAG
- 14- Ball Bearing / SKF_FAG
- 15- Bolt (bearing bracket) / Steel

- 1- Sert Metal-Astar Salyangoz / Yüksek Kromlu Çelik
- 2- Ayrılabilir Salyangoz Gövde / Dökme Demir
- 3- Conta (basma flanşı) / Doğal Kauçuk
- 4- Özel Tasarım Çark / Yüksek Kromlu Çelik
- 5- Aşınma Plakası / Yüksek Kromlu Çelik
- 6- Expeller / Yüksek Kromlu Çelik
- 7- Salmastra Kutusu / Yüksek Kromlu Çelik
- 8- Yatak Gövdesi / Dökme Demir
- 9- Ayarlanabilir Kartuş Yatak / Dökme Demir
- 10- Eksenel Ayar Saplaması / Çelik
- 11- Mil / Karbonlu Paslanmaz Çelik
- 12- Rulman / SKF_FAG
- 13- Yatak Cıvatası / Çelik



- 1- Hard Metal Liner Casing / High Chrome Steel
- 2- Split Outer Casing / Cast Iron
- 3- Gasket(discharge flange) / Natural Rubber
- 4- Special Designed Impeller / High Chrome Steel
- 5- Wear Plate / High Chrome Steel
- 6- Expeller / High Chrome Steel
- 7- Stuffing Box / High Chrome Steel
- 8- Bearing Bracket / Cast Iron
- 9- Adjust. Bearing Cartridge / Cast Iron
- 10- Axial Adjusting Bolt / Steel
- 11- Shaft / Carbon Stainless Steel
- 12- Ball Bearing / SKF_FAG
- 13- Bolt(bearing bracket) / Steel

- 1- Astar / Doğal Kauçuk
- 2- Ayrılabilir Salyangoz Gövde / Dökme Demir
- 3- Özel Tasarım Çark / Doğal Kauçuk
- 4- Aşınma Plakası / Yüks. Kromlu Çelik
- 5- Expeller / Yüks. Kromlu Çelik
- 6- Salmastra Kutusu / Yüks. Kromlu Çelik
- 7- Yatak Gövdesi / Dökme Demir
- 8- Ayarlanabilir Kartuş Yatak / Dökme Demir
- 9- Eksenel Ayar Saplaması / Çelik
- 10- Mil / Karbonlu Paslanmaz Çelik
- 11- Rulman / SKF_FAG
- 12- Rulman / SKF_FAG
- 13- Yatak cıvatası / Çelik

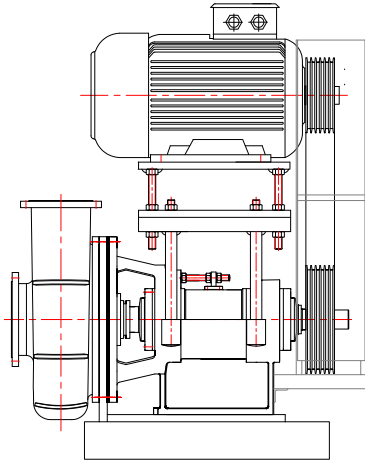


- 1- Rubber Liner Casing / Natural Rubber
- 2- Split Outer Casing / Cast Iron
- 3- Special Designed Impeller / Natural Rubber
- 4- Wear Plate / High Chrome Steel
- 5- Expeller / High Chrome Steel
- 6- Stuffing Box / High Chrome Steel
- 7- Bearing Bracket / Cast Iron
- 8- Adjust. Bearing Cartridge / Cast Iron
- 9- Axial Adjusting Bolt / Steel
- 10- Shaft / Carbon Stainless Steel
- 11- Ball Bearing / SKF_FAG
- 12- Ball Bearing / SKF_FAG
- 13- Bolt(bearing bracket) / Steel

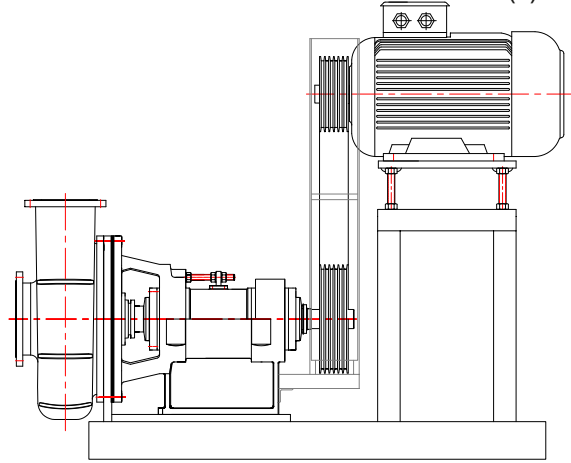
Motor Akuplaj Tipleri

Types Of Installation / Motor Arrangements

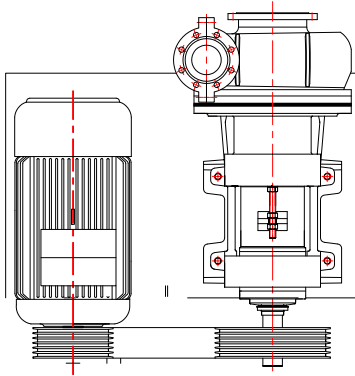
Motor-Pompa Akuplaj
Pumpset installation
(1) BV-01



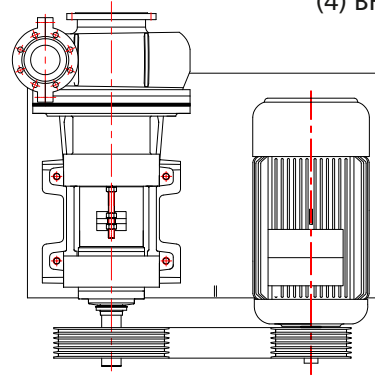
Motor-Pompa Akuplaj
Pumpset installation
(2) BV-02



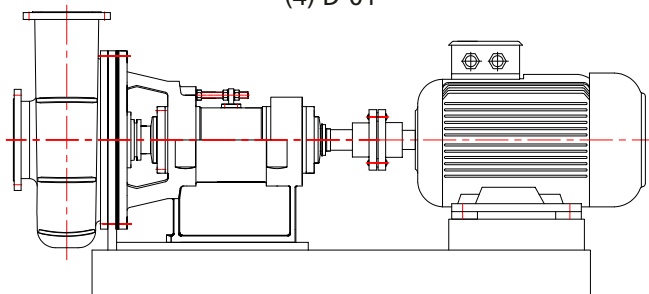
Motor-Pompa Akuplaj
Pumpset installation
(3) BH-03



Motor-Pompa Akuplaj
Pumpset installation
(4) BH-04

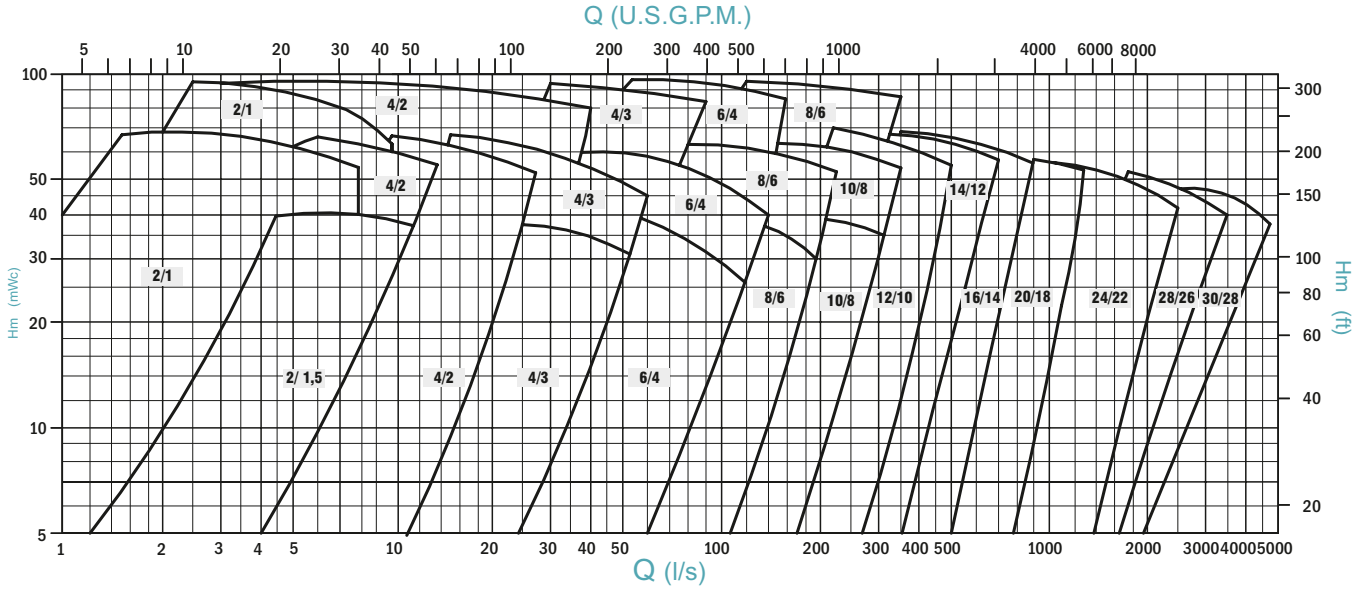


Motor-Pompa Akuplaj
Pumpset installation
(4) D-01



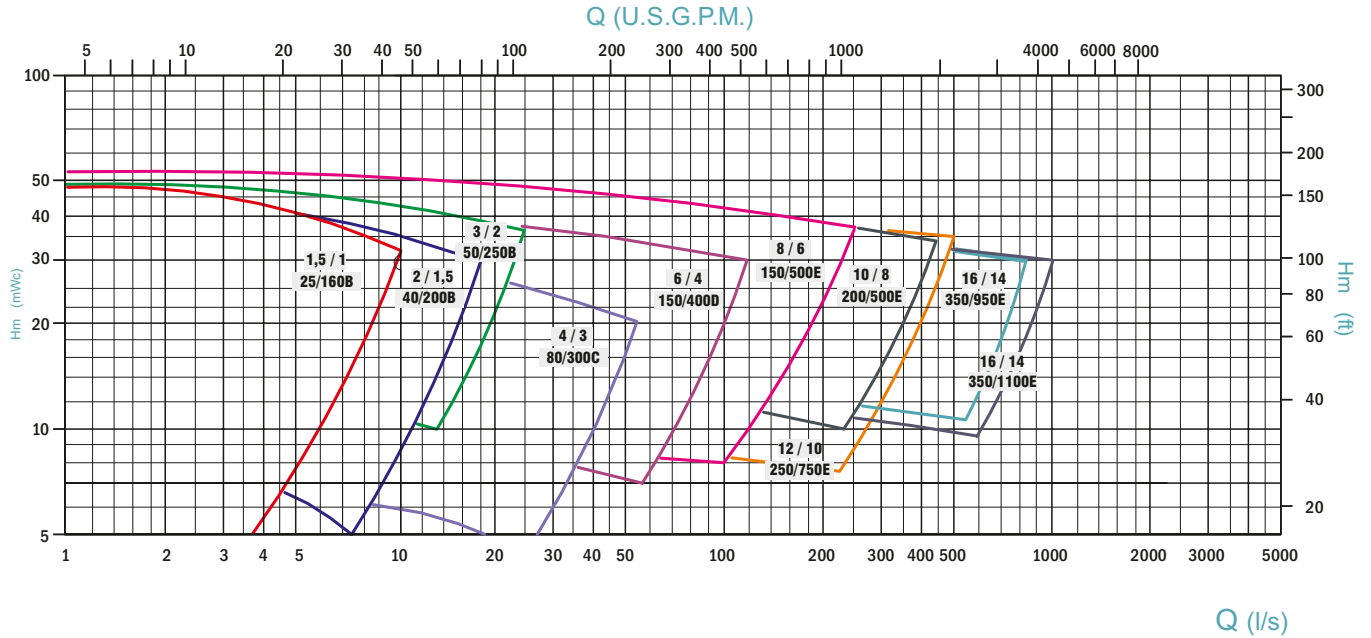
GSP-MK/L/R Performans Tabloları

GSP-MK/L/R Performance Charts



GSP-MK R Series Performans Tabloları

GSP-MK R Series Performance Charts



İşletme şartlarının pompa seçiminde ve kullanımındaki önemi sebebiyle, pompa tipi ve malzeme kombinasyonunun seçiminde SEPPUMP ile iletişim kurulmasını önemle tavsiye ediyoruz !

We strongly recommend customers to be in contact with SEP during the pump and material selection since it is very critical and important for the functioning of the pump.

Алматы (7273)495-231	Иваново (4932)77-34-06	Магнитогорск (3519)55-03-13	Пермь (342)205-81-47	Тверь (4822)63-31-35
Ангарск (3955)60-70-56	Ижевск (3412)26-03-58	Москва (495)268-04-70	Ростов-на-Дону (863)308-18-15	Тольятти (8482)63-91-07
Архангельск (8182)63-90-72	Иркутск (395)279-98-46	Мурманск (8152)59-64-93	Рязань (4912)46-61-64	Томск (3822)98-41-53
Астрахань (8512)99-46-04	Казань (843)206-01-48	Набережные Челны (8552)20-53-41	Самара (846)206-03-16	Тула (4872)33-79-87
Барнаул (3852)73-04-60	Калининград (4012)72-03-81	Нижний Новгород (831)429-08-12	Саранск (8342)22-96-24	Тюмень (3452)66-21-18
Белгород (4722)40-23-64	Калуга (4842)92-23-67	Новокузнецк (3843)20-46-81	Санкт-Петербург (812)309-46-40	Ульяновск (8422)24-23-59
Благовещенск (4162)22-76-07	Кемерово (3842)65-04-62	Ноябрьск (3496)41-32-12	Саратов (845)249-38-78	Улан-Удэ (3012)59-97-51
Брянск (4832)59-03-52	Киров (8332)68-02-04	Новосибирск (383)227-86-73	Севастополь (8692)22-31-93	Уфа (347)229-48-12
Владивосток (423)249-28-31	Коломна (4966)23-41-49	Омск (3812)21-46-40	Симферополь (3652)67-13-56	Хабаровск (4212)92-98-04
Владикавказ (8672)28-90-48	Кострома (4942)77-07-48	Орел (4862)44-53-42	Смоленск (4812)29-41-54	Чебоксары (8352)28-53-07
Владимир (4922)49-43-18	Краснодар (861)203-40-90	Оренбург (3532)37-68-04	Сочи (862)225-72-31	Челябинск (351)202-03-61
Волгоград (844)278-03-48	Красноярск (391)204-63-61	Пенза (8412)22-31-16	Ставрополь (8652)20-65-13	Череповец (8202)49-02-64
Вологда (8172)26-41-59	Курск (4712)77-13-04	Петрозаводск (8142)55-98-37	Сургут (3462)77-98-35	Чита (3022)38-34-83
Воронеж (473)204-51-73	Курган (3522)50-90-47	Псков (8112)59-10-37	Сыктывкар (8212)25-95-17	Якутск (4112)23-90-97
Екатеринбург (343)384-55-89	Липецк (4742)52-20-81		Тамбов (4752)50-40-97	Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(7172)727-132

Киргизия +996(312)96-26-47

www.sep.nt-rt.ru | | spj@nt-rt.ru