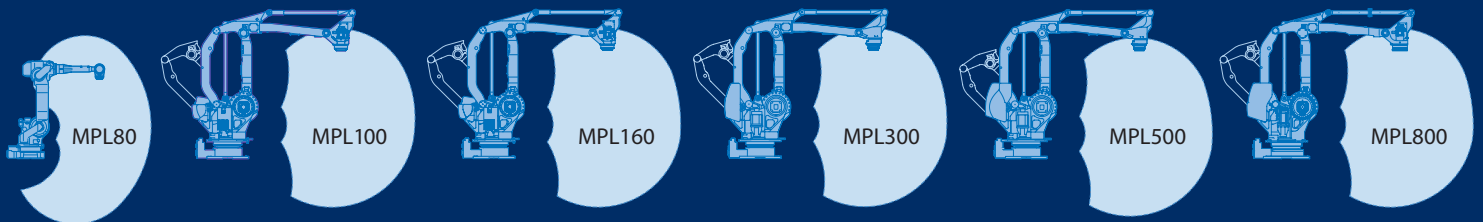


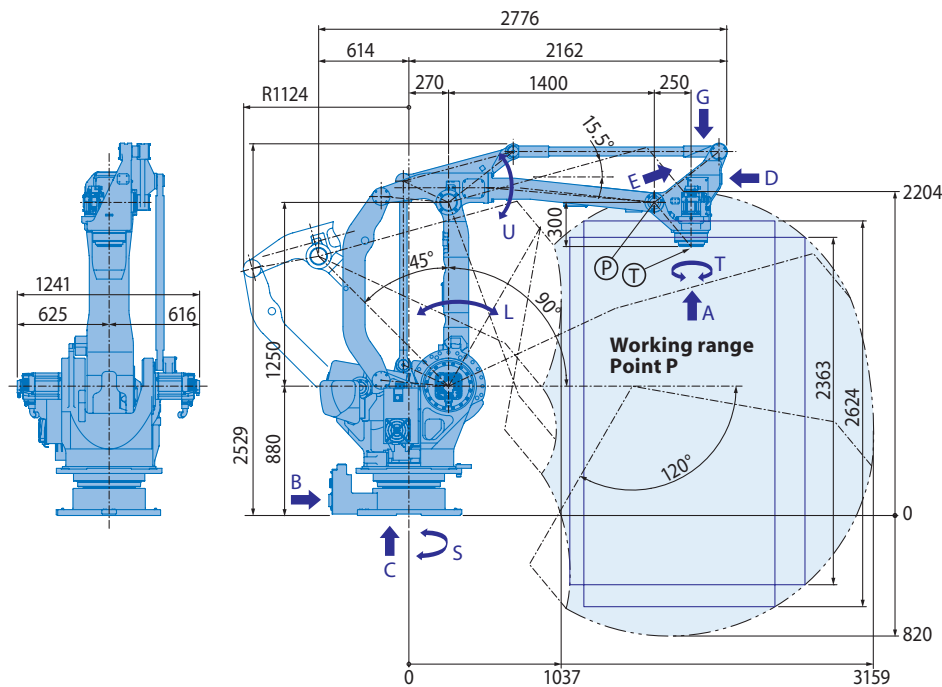
Controlled by
DX100



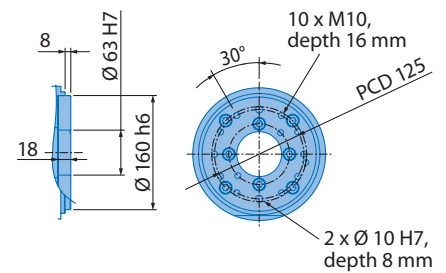
MOTOMAN MPL-series



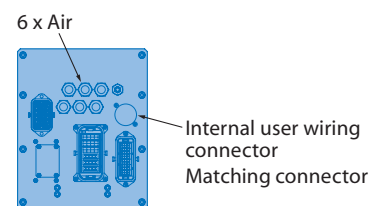
Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m²]	Controlled axes	5
					Max. payload [kg]	80
S	±180	170	–	–	Repeat. pos. accuracy [mm]	±0.07
L	+135/–90	170	–	–	Max. working range [mm]	R = 2061
U	+251/–170	170	–	–	Temperature [°C]	0 to +45
R	–	–	–	–	Humidity [%]	20 – 80
B	±15*	250	78.4	16	Weight [kg]	550
T	±360	350	20.5	6.1	Power supply, average [KVA]	4



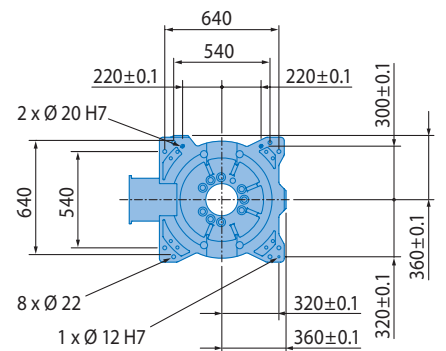
View A



View B

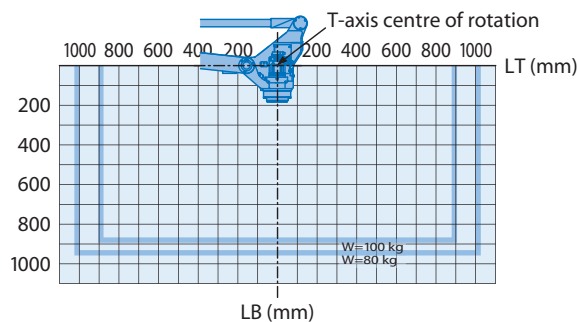


View C



Mounting option: Floor

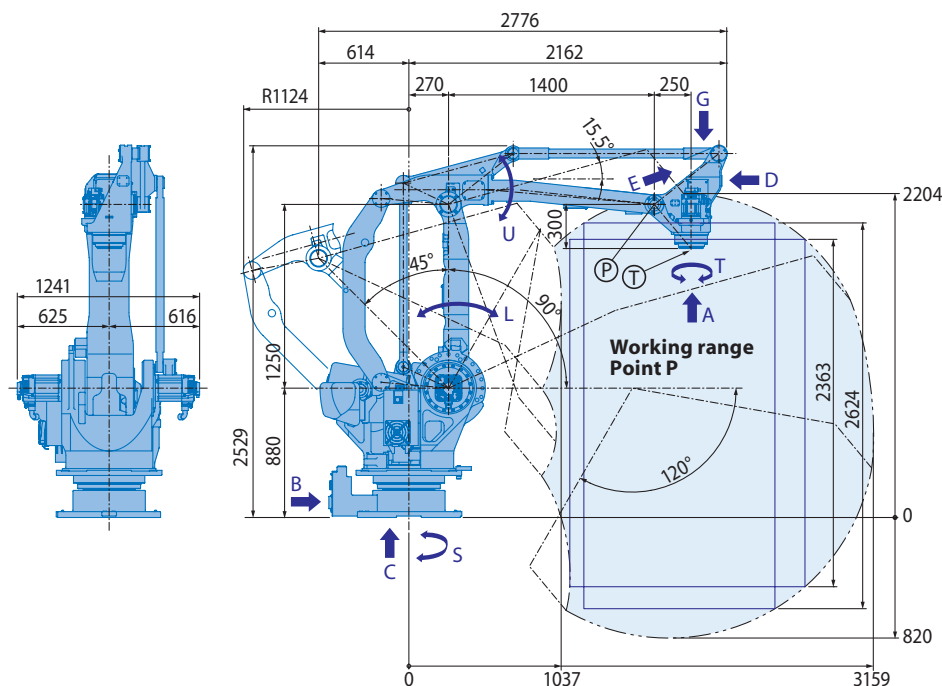
Allowable wrist load



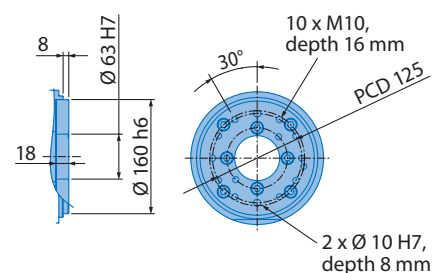
All dimensions in mm | Technical data may be subject to change without previous notice | Please request detailed drawings at robotics@yaskawa.eu – YR-MPL0100-B04, H-04-2014, A-No. 150308

Specifications MPL100

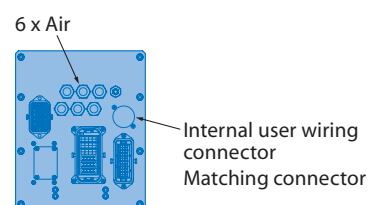
Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m ²]	Controlled axes	
S	±180	140	–	–	Max. payload [kg]	100
L	+80/–45	140	–	–	Repeat. pos. accuracy [mm]	±0.5
U	+15.5/–120	140	–	–	Max. working range [mm]	R = 3159
R	–	–	–	–	Temperature [°C]	0 to +45
B	–	–	–	–	Humidity [%]	20 – 80
T	±360	305	–	80	Weight [kg]	1700
					Power supply, average [KVA]	9.5



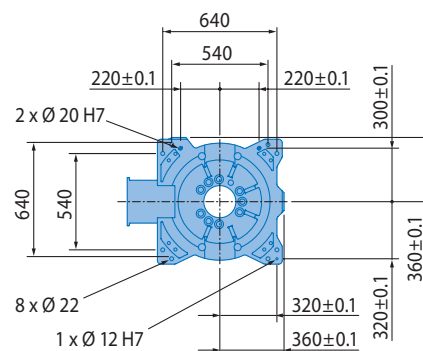
View A



View B

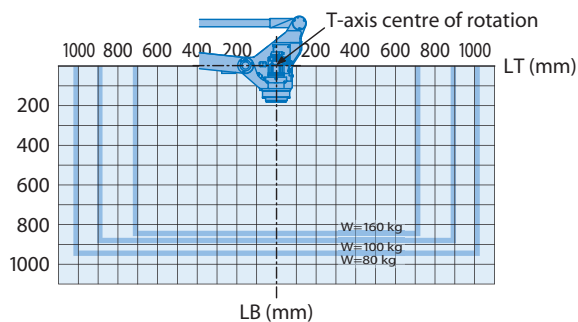


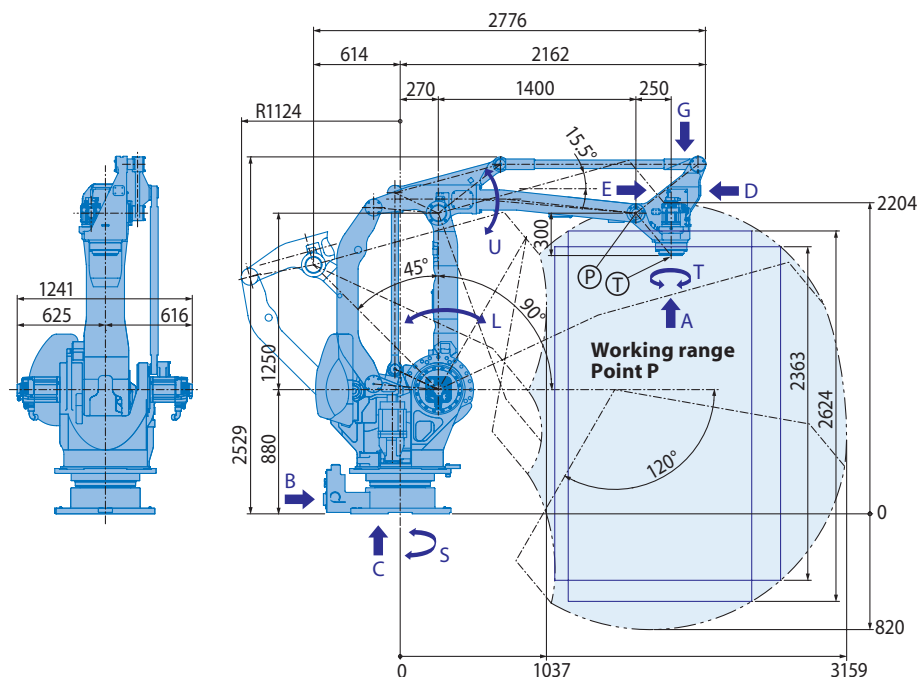
View C



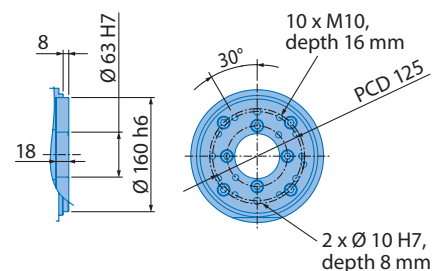
Mounting option: Floor

Allowable wrist load

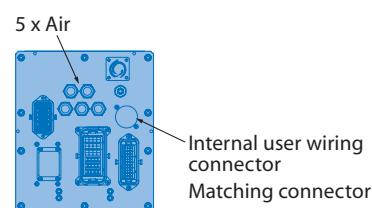




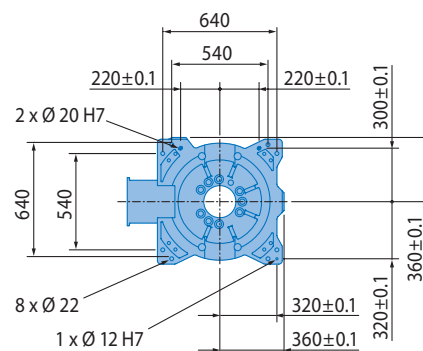
View A



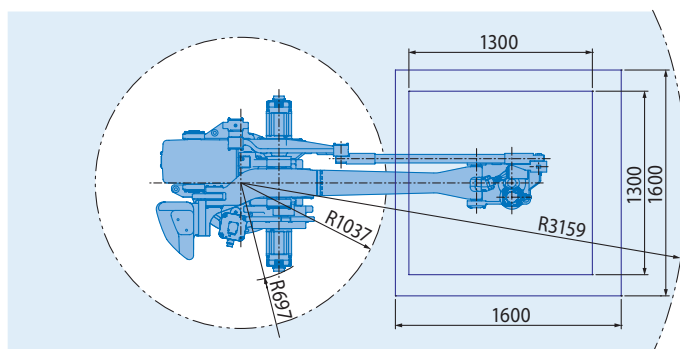
View B



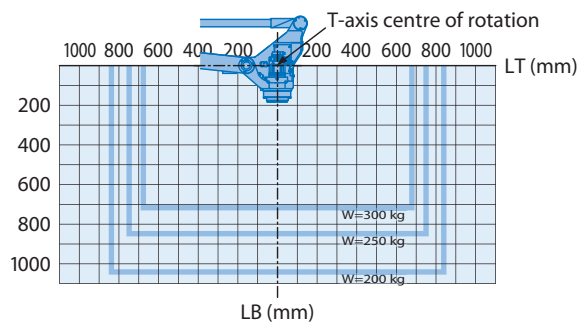
View C



Mounting option: Floor



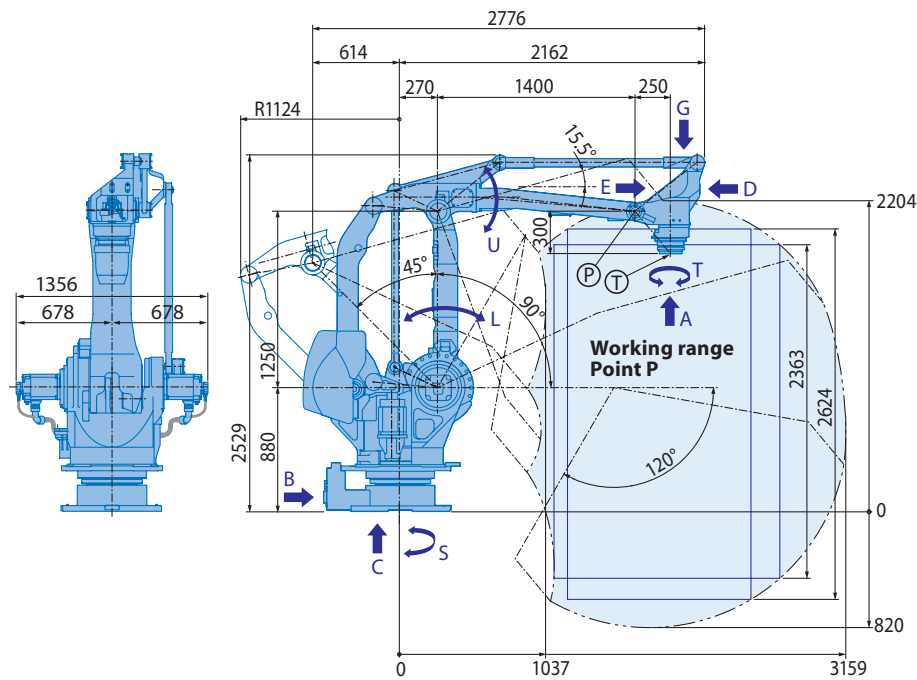
Allowable wrist load



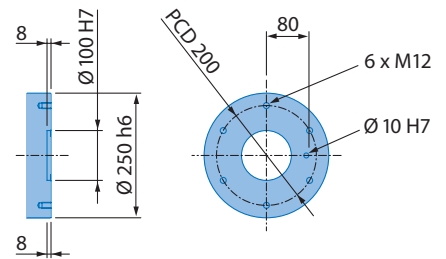
All dimensions in mm | Technical data may be subject to change without previous notice | Please request detailed drawings at robotics@yaskawa.eu – YR-MPL0300-B04, H-04-2014, A-No. 150308

Specifications MPL300

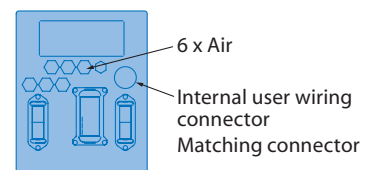
Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m ²]	Controlled axes	
S	±180	90	–	–	Max. payload [kg]	300
L	+90/–45	100	–	–	Repeat. pos. accuracy [mm]	±0.5
U	+15.5/–120	110	–	–	Max. working range [mm]	R = 3159
R	–	–	–	–	Temperature [°C]	0 to +45
B	–	–	–	–	Humidity [%]	20 – 80
T	±360	195	–	140	Weight [kg]	1820
					Power supply, average [KVA]	9.5



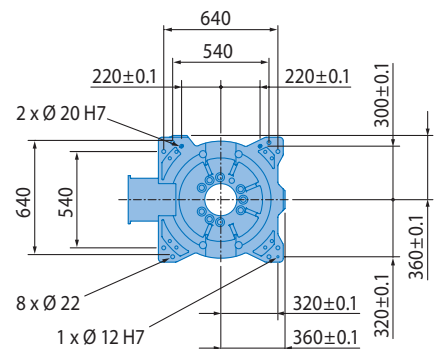
View A



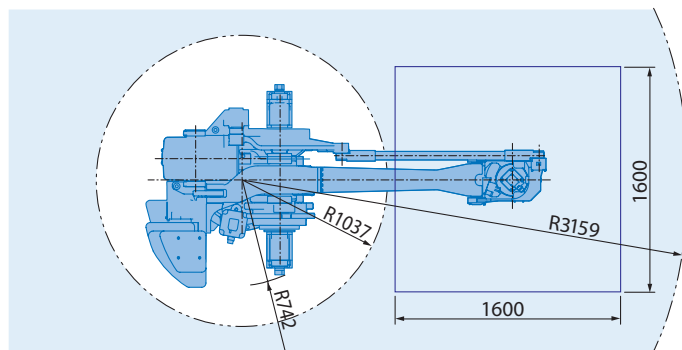
View B



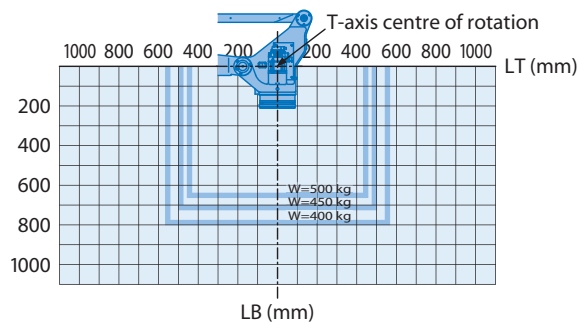
View C



Mounting option: Floor



Allowable wrist load



All dimensions in mm | Technical data may be subject to change without previous notice | Please request detailed drawings at robotics@yaskawa.eu.com – YR-MPL0500-B04, H-04-2014, A-No. 150308

Specifications MPL500

Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m ²]	Controlled axes	
S	±180	80	–	–	Max. payload [kg]	500
L	+90/–45	85	–	–	Repeat. pos. accuracy [mm]	±0.5
U	+15.5/–120	85	–	–	Max. working range [mm]	R=3159
R	–	–	–	–	Temperature [°C]	0 to +45
B	–	–	–	–	Humidity [%]	20 – 80
T	±360	195	–	200	Weight [kg]	2300
					Power supply, average [KVA]	11

Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m²]	Controlled axes	4
					Max. payload [kg]	800
S	±180	65	–	–	Repeat. pos. accuracy [mm]	±0.5
L	+90/–45	65	–	–	Max. working range [mm]	R = 3159
U	+15.5/–120	65	–	–	Temperature [°C]	0 to +45
R	–	–	–	–	Humidity [%]	20 – 80
B	–	–	–	–	Weight [kg]	2550
T	±360	125	–	550	Power supply, average [KVA]	10

YASKAWA Headquarters

YASKAWA Europe GmbH
Robotics Division
Yaskawastraße 1
D-85391 Allershausen
Tel. +49 (0) 8166/90-0
Fax +49 (0) 8166/90-103

YASKAWA academy and sales office Frankfurt

YASKAWA Europe GmbH
Robotics Division
Hauptstraße 185
D-65760 Eschborn
Tel. +49 (0) 6196/77725-0
Fax +49 (0) 6196/77725-39

YASKAWA Group

- A YASKAWA Austria
Schwechat/Wien +43(0)1-707-9324-15
- CZ YASKAWA Czech s.r.o.
Rudná u Prahy +420-257-941-718
- E YASKAWA Ibérica, S.L.
Gavà/Barcelona +34-93-6303478
- F YASKAWA France SARL
Saint-Aignan-de-Grand-Lieu
+33-2-40131919
- FIN YASKAWA Finland Oy
Turku +358-(0)-403000600
- GB YASKAWA UK Ltd.
Banbury +44-1295-272755
- I YASKAWA Italia s.r.l.
Torino +39-011-9005833
- IL YASKAWA Europe Technology Ltd.
Rosh Ha'ayin +972-3-9004114
- NL YASKAWA Benelux B.V.
EB Son +31-40-2895500
- RUS YASKAWA Nordic AB
Moskva +46-480-417-800
- SE YASKAWA Nordic AB
Torsås +46-480-417-800
- SI YASKAWA Slovenia
Ribnica +386-1-8372-410
- TR YASKAWA Turkey Elektrik Ticaret Ltd. Sti.
İstanbul +90-216-5273450
- ZA YASKAWA Southern Africa (PTY) Ltd
Johannesburg +27-11-6083182

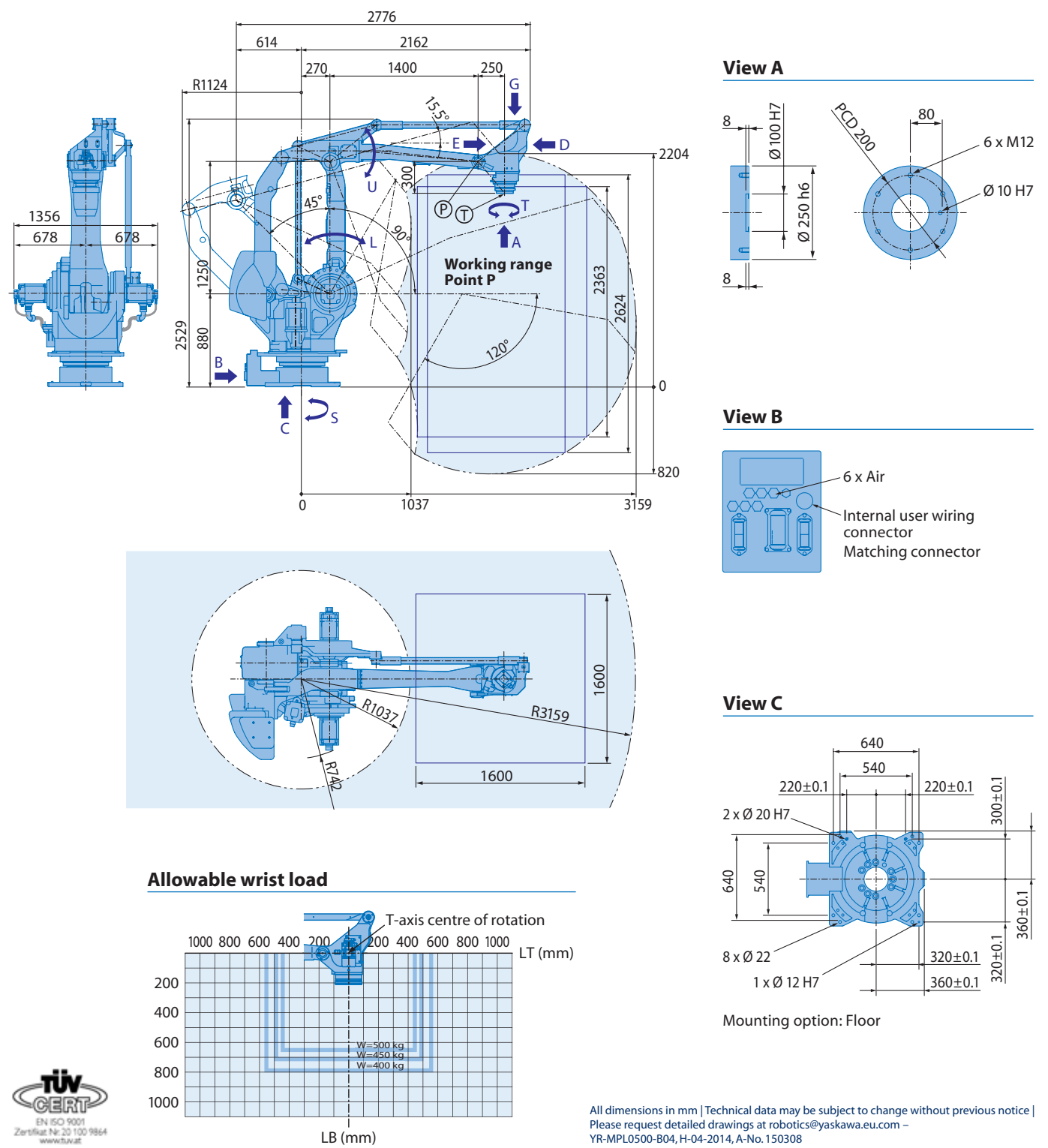
Distributors

- BG Kammarton Bulgaria Ltd.
Sofia +359-02-926-6060
- CH Messer Eutectic Castolin Switzerland S.A.
Dällikon +41-44-847-17-17
- DK Robotcenter Danmark
Løsning +45 7022 2477
- EE RKR Seadmed OÜ
Tallinn/Estonia +372-68-35-235
- GR Gizelis Robotics
Nea Kifissia +30-2106251455
- H Flexman Robotics Kft
Budapest +36-30-9510065
- LT Profibus UAB
Panevezys +370-45-518575
- N Optimove as
Lierstranda +47-32240600
- PL Integrator RHC Sp. z o.o.
Torun +48-56-6519710
- PT ROBOPLAN Lda
Aveiro +351-234 943 900
- RO Sam Robotics srl
Timisoara +40-720-279-866
- RO MPL Automation S.R.L.
Satu Mare +40 (0) 261 750 741



www.yaskawa.eu.com
robotics@yaskawa.eu.com

Technical data may be subject to change without previous notice.



Specifications MPL500						
Axes	Maximum motion range [°]	Maximum speed [°/sec.]	Allowable moment [Nm]	Allowable moment of inertia [kg · m²]	Controlled axes	4
					Max. payload [kg]	500
S	± 180	80	–	–	Repeat. pos. accuracy [mm]	± 0.5
L	+ 90/– 45	85	–	–	Max. working range [mm]	R = 3159
U	+ 15.5/– 120	85	–	–	Temperature [°C]	0 to + 45
R	–	–	–	–	Humidity [%]	20 – 80
B	–	–	–	–	Weight [kg]	2300
T	± 360	195	–	200	Power supply, average [KVA]	11