

Appendix to

CE Machinery Certificate No. M04CA45517-04-02

Product: SWING TYPE TAKE-OUT ROBOT  
 Model(s): TOPIV-TWIN 450, 550, 650  
 TOPIV-A 450, 550, 650, 750  
 TOPIV-X 450, 550, 650, 750  
 TOPIV-XC 450, 550, 650, 750  
 Serial No: n.a.

Parameters:

| MODEL          | Applicable injection molding machine | Robot body weight (kg) | Pneumatic Pressure (Mpa) |
|----------------|--------------------------------------|------------------------|--------------------------|
| TOPIV-TWIN 450 | 80 ton or less                       | 44                     | 0,5                      |
| TOPIV-TWIN 550 | 160 ton or less                      | 45                     | 0,5                      |
| TOPIV-TWIN 650 | 160 ton or less                      | 46                     | 0,5                      |
| A              |                                      |                        |                          |
| TOPIV-X 450    | 80 ton or less                       | 34                     | 0,5                      |
| XC             |                                      |                        |                          |
| A              |                                      |                        |                          |
| TOPIV-X 550    | 160 ton or less                      | 35                     | 0,5                      |
| XC             |                                      |                        |                          |
| A              |                                      |                        |                          |
| TOPIV-X 650    | 160 ton or less                      | 36                     | 0,5                      |
| XC             |                                      |                        |                          |
| A              |                                      |                        |                          |
| TOPIV-X 750    | -                                    | 37                     | 0,5                      |
| XC             |                                      |                        |                          |

Standard(s): EC Council Directive 98/37/EC – Annex I  
 EN 775: 1992 EN 60204-1: 1997

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Signature.....  
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