

## MF Eco machine Certification System Registry (Fabricating Machine)

|   |   |  |   |                              |   |              |  |
|---|---|--|---|------------------------------|---|--------------|--|
| Certification number & registered product |   | MF2-B013<br>Hydraulic Press Brake<br>TruBend5000 B23series                   |   | Product scope                | TruBend 5000 B23 series<br>TruBend 5085, 5130, 5230 |              |  |
| Registered company                        |   | TRUMPF Corporation   |   | Certified model              | TruBend 5085/5130/5230                              |              |  |
| Reference product & production time       |   | TruBend5000 B03series 5085/5130/5230 (April, 2007/August, 2007/August, 2007) |   |                              |   |              |  |
| Requirement & environment factors         |   | Evaluation item  | Criteria  | Evaluation results and score |   |              |  |
| (1) Essential requirement                 |   |  | TruBend B23 vs B03  | 5085 vs 5085                 | 5130 vs 5130  | 5230 vs 5230 |  |
| Energy saving                             | Energy consumption  | Reduction ratio  | 25% or more reduction   | <b>85%</b>                   | <b>90%</b>  | <b>92%</b>   |  |
|   |   |  |   | Based on JFMA standard       |   |              |  |
| (2) Selective requirement                 |   |  |   |                              |   |              |  |
| Resource saving                           | Operating oil   | Amount of use  | 10% or more reduction   | <b>X</b>                     |   |              |  |
| Environment conservation                  | Safety  | Safety regulation  | Applicable regulation   | <b>X</b>                     |   |              |  |
|   | EMC   | Electrical interference  | Applicable regulation   | <b>X</b>                     |   |              |  |
| Minimum selective requirement             |   | 3 items or more  |   | <b>3 items</b>               |   |              |  |
| (3) Recommended requirement               |   | Names of function/device   | Summary of environmental load reduction                               |                              |   |              |  |
| Environment factor                        | Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil) | On demand servo drive  | ON automatic only at the time of pressurization in a hydraulic motor. |                              |   |              |  |
|   |   | LED work area illumination   | Reduction of power consumption  |                              |   |              |  |
|   |   | Side-guard, rear shutter   | Safety of work environment  |                              |   |              |  |
|   |   | Remote telephone diagnostic  | Diagnostic through networking   |                              |   |              |  |
|   |   | Foot pedal with emergency stop function                                      | Safety of work environment  |                              |   |              |  |
| Minimum recommended requirement           |   | 3 items or more  |   | <b>5 items</b>               |   |              |  |