

|   |   |                               |  |  |  |
|---|---|-------------------------------|--|--|--|
| Certification number & registered product | MF-B009<br>Hydraulic Servo Press Brake  |                               | Product scope  | Hydraulic Servo Press Brake F-125-25, F-185-30 |  |
| Registered company                        | MURATA MACHINERY Ltd.   |                               | Certified model  | F-125-25/185-30                                |  |
| Reference product & production time       | April, 2000   |                               | Reference model  | 3P-110-28 (1100kN)                             |  |
| Requirement & environment factors         | Evaluation item   | Criteria                      | Evaluation results and score   |  |  |
| (1) Essential requirement                 |   |                               | F-125-25 vs 3P-110-25  | F-185-30 vs 3P-110-25                          |  |
| Energy saving                             | Energy consumption  | Reduction ratio               | 15% or more reduction  | <b>35%</b>                                     |  |
|   |   |                               |  | <b>32%</b>                                     |  |
|   |   |                               | Based on JFMA standard   |  |  |
| (2) Selective requirement                 |   |                               | F-125-25 vs 3P-110-25  | F-185-30 vs 3P-110-25                          |  |
| Energy saving                             | Energy consumption  | Loaded power consumption      | 15% or more reduction  | <b>37%</b>                                     |  |
|   |   |                               |  | <b>30%</b>                                     |  |
|   |   |                               | Power consumption per 1 bending on essential requirement of loaded operation |  |  |
| Resource saving                           | Compactification  | No. of air hydraulic parts    | 10% or more reduction  | <b>X</b>                                       |  |
|   | Operating oil   | Amount of use                 |  | <b>X</b>                                       |  |
| Minimum selective requirement             |   | 3 items or more               | <b>3 items</b>   |  |  |
| (3) Recommended requirement               |   | Names of function and device  | Summary of environmental load reduction                                      |  |  |
| Environment factor                        | Energy saving, durability, long life, display/management of environment info., vibration/noise, emission (atmosphere, soil) | LCD display                   | Reduction of power consumption   |  |  |
|   |   | Servo hydraulic hybrid design | Reduction of power consumption   |  |  |
|   |   | Electric driven servo drive   | Reduction of operating fluid   |  |  |
|   |   | Angle alignment function      | Resource saving by reducing failure in forming                               |  |  |
| Minimum recommended requirement           |   | 3 items or more               | <b>4 items</b>   |  |  |

Note

(1) Content of revision on June 15, 2010: 1 model (F-185-30) was added.