

ITALIAN DIRECT FIRE DATA CHART

| Unit                              | Ammo   | ROF | Range Effectiveness |      |      |      |      |      |      |      |      |      |      |     |     |     | Ammo Supply |
|-----------------------------------|--------|-----|---------------------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|-------------|
|                                   |        |     | Range in hexes      |      |      |      |      |      |      |      |      |      |      |     |     |     |             |
|                                   |        |     | 0                   | 1    | 2    | 3    | 4    | 6    | 8    | 10   | 12   | 14   | 16   | 18  | 20  | 22  |             |
| Leopard 1<br>⊕                    | APDU   | 2   | 8:20                | 9:20 | 8:20 | 7:19 | 6:19 | 5:18 | 4:18 | 3:17 | 2:16 | 1:14 | —    | —   | —   | —   | 3           |
|                                   | AP     | 2   | 8:18                | 9:18 | 8:17 | 7:17 | 6:16 | 5:15 | 4:14 | 3:13 | 2:12 | 1:11 | —    | —   | —   | —   | 8           |
|                                   | HEAT   | 2   | 8:18                | 9:18 | 8:18 | 7:18 | 6:18 | 5:18 | 4:18 | 3:18 | 2:18 | 1:18 | —    | —   | —   | —   | 6           |
|                                   | HE     | 2   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | —    | —   | —   | —   | —           |
|                                   | IS     | 2   | —                   | 20   | 20   | 20   | 20   | 20   | 18   | 16   | 14   | 12   | 10   | —   | —   | —   | 1           |
|                                   | SA     | 2   | 4                   | 6    | 6    | 4    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 9           |
| ARIETE C-1<br>⊕                   | APDU   | 2   | 8:21                | 9:21 | 8:21 | 7:20 | 6:20 | 5:19 | 4:19 | 3:18 | 2:17 | 1:16 | —    | —   | —   | —   | 3           |
|                                   | AP     | 2   | 8:19                | 9:19 | 8:19 | 7:18 | 6:17 | 5:16 | 4:15 | 3:14 | 2:13 | 1:12 | —    | —   | —   | —   | 7           |
|                                   | HEAT   | 2   | 8:19                | 9:19 | 8:19 | 7:19 | 6:19 | 5:19 | 4:19 | 3:19 | 2:19 | 1:19 | —    | —   | —   | —   | 3           |
|                                   | HE     | 2   | 6                   | 10   | 10   | 10   | 10   | 9    | 8    | 7    | 6    | 5    | —    | —   | —   | —   | —           |
|                                   | IS     | 2   | —                   | 20   | 20   | 20   | 20   | 18   | 16   | 14   | 12   | 10   | —    | —   | —   | —   | 1           |
|                                   | SA     | 2   | 4                   | 6    | 6    | 4    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 9           |
| M-60A3<br>⊕                       | APDU   | 2   | 8:20                | 9:20 | 8:20 | 7:19 | 6:19 | 5:18 | 4:18 | 3:17 | 2:16 | 1:14 | —    | —   | —   | —   | 3           |
|                                   | AP     | 2   | 8:18                | 9:18 | 8:17 | 7:17 | 6:16 | 5:15 | 4:14 | 3:13 | 2:12 | 1:11 | —    | —   | —   | —   | 7           |
|                                   | HEAT   | 2   | 8:18                | 9:18 | 8:18 | 7:18 | 6:18 | 5:18 | 4:18 | 3:18 | 2:18 | 1:18 | —    | —   | —   | —   | 5           |
|                                   | HE     | 2   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | —    | —   | —   | —   | —           |
|                                   | APERS  | 2   | 15                  | 30   | 30   | 30   | 30   | 30   | —    | —    | —    | —    | —    | —   | —   | —   | 2           |
|                                   | IS     | 2   | —                   | 20   | 20   | 20   | 20   | 18   | 16   | 14   | 12   | 10   | —    | —   | —   | —   | 1           |
|                                   | SCAP*  | 3   | 6:5                 | 8:5  | 5:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —   | —   | —   | 20          |
|                                   | SA     | 2   | 3                   | 5    | 5    | 3    | 1    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 8           |
| VCC-80<br>⊕                       | SCAP   | 5   | 8:17                | 8:17 | 8:15 | 7:15 | 7:14 | 6:12 | 5:11 | 3:9  | —    | —    | —    | —   | —   | —   | 10          |
|                                   | SCHE   | 4   | 3                   | 6    | 6    | 6    | 6    | 5    | 4    | 3    | 2    | 1    | —    | —   | —   | —   | 8           |
|                                   | SA     | 2   | 4                   | 6    | 6    | 4    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 8           |
| Centaurus B-1<br>⊕                | AP     | 2   | 8:18                | 9:18 | 8:17 | 7:17 | 6:16 | 5:15 | 4:14 | 3:13 | 2:12 | 1:11 | —    | —   | —   | —   | 6           |
|                                   | HEAT   | 2   | 8:18                | 9:18 | 8:18 | 7:18 | 6:18 | 5:18 | 4:18 | 3:18 | 2:18 | 1:18 | —    | —   | —   | —   | 6           |
|                                   | HE     | 2   | 4                   | 7    | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 3    | —    | —   | —   | —   | —           |
|                                   | SA     | 2   | 4                   | 6    | 6    | 4    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 9           |
| AIFV/M-113<br>VCC-1/2<br>PUMA 6x6 | SCAP*  | 3   | 6:5                 | 8:5  | 5:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —    | —   | —   | —   | 30          |
|                                   | SA     | 2   | 3                   | 5    | 5    | 3    | 1    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 8           |
| PUMA 4x4                          | SA     | 2   | 4                   | 6    | 6    | 4    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 8           |
| PUMA MILAN<br>(MILAN)             | Msl    | 1   | —                   | 8:17 | 8:17 | 8:17 | 8:17 | 8:17 | 8:17 | —    | —    | —    | —    | —   | —   | —   | 8(6)        |
|                                   | SA     | 2   | 4                   | 6    | 6    | 4    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 8           |
| VTC PUMA TOW<br>(TOW)             | Msl    | 2   | —                   | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | —    | —   | —   | —   | 6(5)        |
|                                   | SA     | 2   | 4                   | 6    | 6    | 4    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 8           |
| HQ/TOC/OP                         | SA     | 2   | 2                   | 2    | 2    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 4           |
| Infantry A                        | Msl    | 1   | —                   | 8:17 | 8:17 | 8:17 | 8:17 | 8:17 | 8:17 | —    | —    | —    | —    | —   | —   | —   | 2           |
|                                   | HEAT   | 1   | 8:17                | 4:17 | —    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 2           |
|                                   | SA     | 2   | 10                  | 9    | 7    | 3    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 10          |
| Infantry B                        | HEAT   | 1   | 8:17                | 4:17 | —    | —    | —    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 4           |
|                                   | SA     | 2   | 6                   | 5    | 3    | 1    | —    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 8           |
| PAH-1                             | Msl    | 2   | —                   | 8:19 | 8:19 | 8:19 | 8:19 | 8:19 | 8:19 | 8:19 | 8:19 | 8:19 | 8:19 | —   | —   | —   | 3           |
|                                   | AAM+   | 1   | —                   | —    | 4:6  | 4:6  | 4:6  | 4:6  | 3:6  | 3:6  | 3:6  | 3:6  | 3:6  | 2:6 | 2:6 | 2:6 | 1           |
| A-129                             | Msl    | 2   | —                   | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | 8:20 | —    | —   | —   | —   | 2p          |
|                                   | HEAT*  | 5   | 6:12                | 8:12 | 7:12 | 6:12 | 5:12 | 4:12 | 3:12 | 2:12 | 1:12 | —    | —    | —   | —   | —   | 5r          |
|                                   | HE     | 5   | 3                   | 7    | 7    | 7    | 7    | 6    | 5    | 4    | 2    | —    | —    | —   | —   | —   | 5r          |
|                                   | APERS  | 5   | 10                  | 20   | 20   | 20   | 20   | 20   | 10   | —    | —    | —    | —    | —   | —   | —   | 5r          |
|                                   | SCAP*  | 6   | 6:7                 | 8:6  | 6:6  | 5:5  | 4:4  | 2:3  | 1:2  | —    | —    | —    | —    | —   | —   | —   | 6           |
|                                   | HE     | 6   | 2                   | 3    | 3    | 3    | 3    | 2    | 2    | 1    | 1    | —    | —    | —   | —   | —   | —           |
|                                   | AAM†   | 1   | —                   | —    | 4:6  | 4:6  | 4:6  | 4:6  | 3:6  | 3:6  | 3:6  | 3:6  | 3:6  | 3:6 | 2:6 | 2:6 | 2:6         |
| PIpZ                              | SA     | 2   | 4                   | 6    | 6    | 4    | 2    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 9           |
| SIDAM                             | SCAP** | 4   | 6:10                | 8:10 | 7:9  | 6:8  | 5:7  | 4:6  | 3:5  | 2:4  | 1:3  | —    | —    | —   | —   | —   | 9           |
|                                   | SCHE   | 4   | 4                   | 7    | 7    | 7    | 6    | 5    | 4    | 3    | 2    | —    | —    | —   | —   | —   | —           |
| Engineer                          | SA     | 2   | 6                   | 5    | 3    | 1    | —    | —    | —    | —    | —    | —    | —    | —   | —   | —   | 10          |
| Stinger                           | SAM†   | 1   | —                   | —    | 5:6  | 5:6  | 4:6  | 4:6  | 4:6  | 4:6  | 4:6  | 3:6  | 3:6  | 3:6 | —   | —   | 2           |
| PUMA MISTRAL                      | SAM†   | 2   | —                   | —    | 4:6  | 4:6  | 4:6  | 4:6  | 3:6  | 3:6  | 3:6  | 3:6  | 3:6  | —   | —   | —   | 6           |
| MISTRAL                           | SAM†   | 1   | —                   | —    | 4:6  | 4:6  | 4:6  | 4:6  | 3:6  | 3:6  | 3:6  | 3:6  | 3:6  | —   | —   | —   | 2           |