

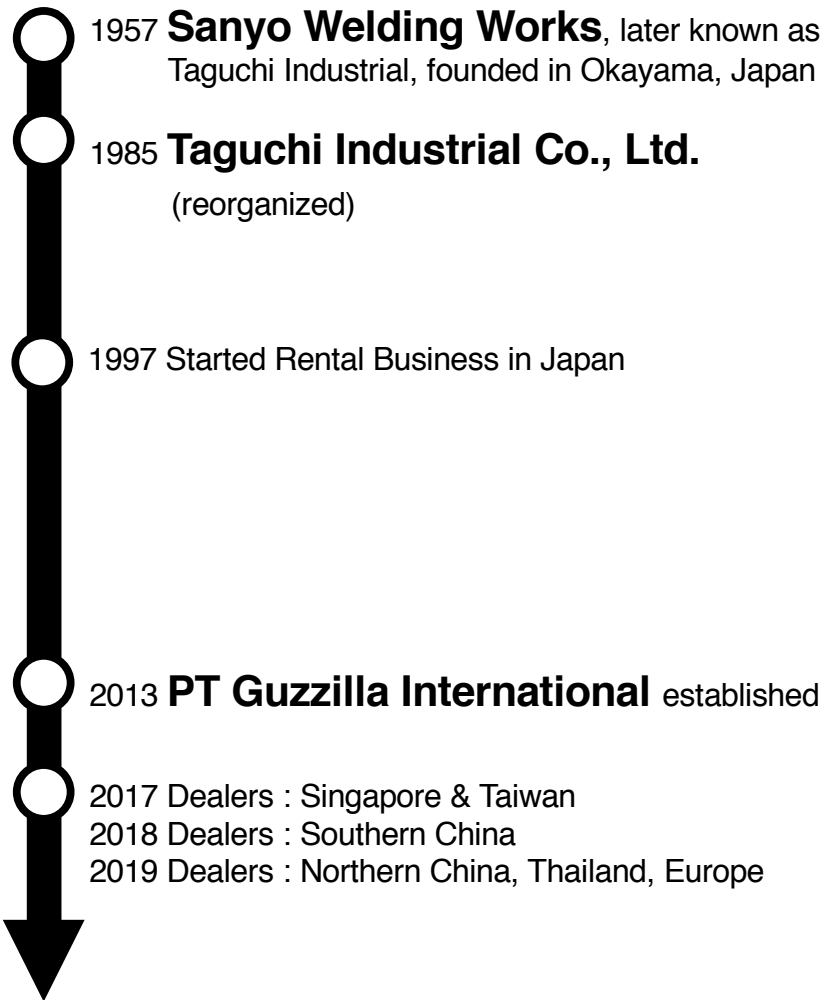
TAGUCHI

GENERAL CATALOGUE

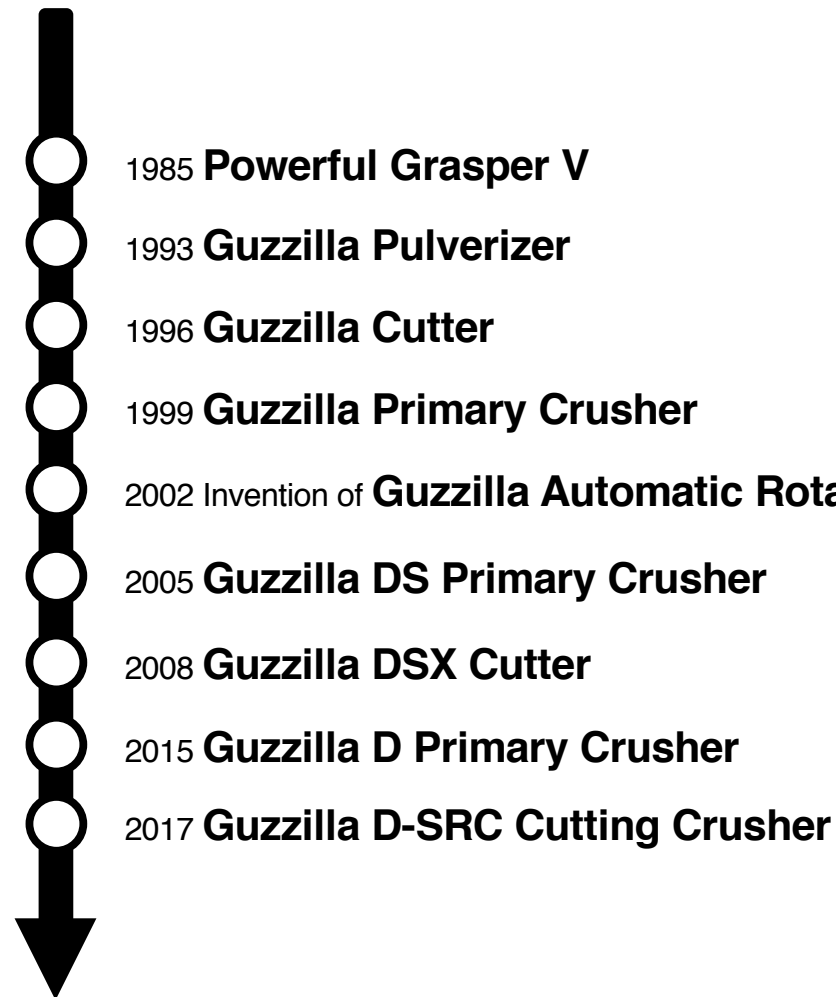


TAGUCHI History of Innovation

Corporate Event



Series of Innovations



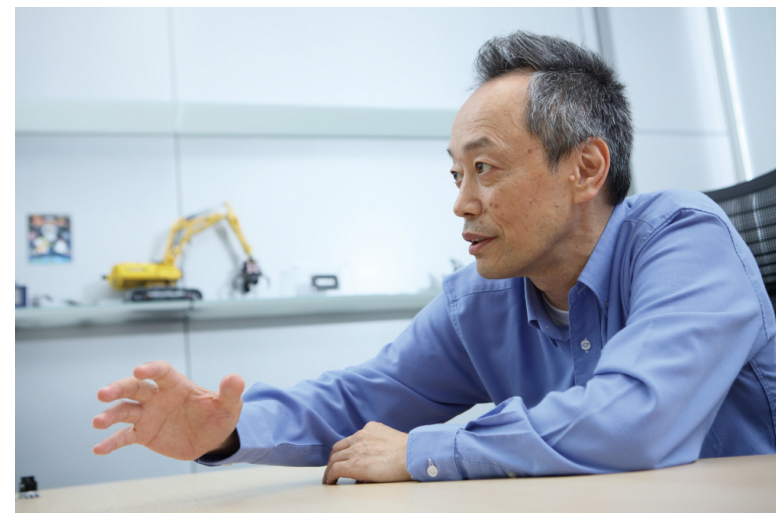
TAGUCHI Product Concept

Beauty is found within the Ultimate Functionality

Mr. Taguchi, CEO of Taguchi Industrial, always reminds of the phrase “Beauty is found within the ultimate functionality”, which he learned at a mechanics of materials lecture in Okayama University. The professor showed the example of the *Colosseum of Rome* built of Roman concrete made from cement and volcanic ash without any steel structure. The Colosseum has stood against several earthquakes and keeps its original structure for almost 2000 years. The key of the durability lays in the shape of arches along the walls. Those arches look like merely semicircle, but actually the shape of the arch designed along with the physical stress. In short, the shape follows the theory, and it is simply beautiful.

His pursuit of functional beauty was resulted in “Good Design Award” for DSX Cutter in Japan in 2018. The design of DSX Cutter is not the result of beautification, but the result of following the theory. The force of 100 ton is applied to the cutter tip of DSX when it cuts steel frame. In order to support the force, we have designed the jaw, and the main frame to support the jaws. There is no waste in the design of DSX. In Mr. Taguchi’s view, if a product looks ugly, there must be some waste in terms of structural mechanics.

 GOOD DESIGN AWARD 2018
BEST 100



GUZZILLA Demolition Product Line



**Concrete Crusher
D Series**

Twin Cylinder



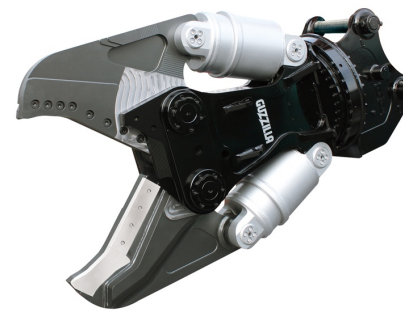
**Cutting Crusher
D-SRC Series**
with longer blades

Twin Cylinder



**Cutting Crusher
MFP Series**

Single Cylinder



**Cutter
DSX Series**

Twin Cylinder



**Pulverizer
MC Series**

TAGUCHI

GUZZILLA Features

1. Ultimate Weight Saving



We use the customized high-tensile steel and provide thorough machining in order to minimize the weight of the attachment for stability in motion and fuel consumption. Our light weight demolition attachment with wide opening range enables you to do the same job with your smaller excavator.

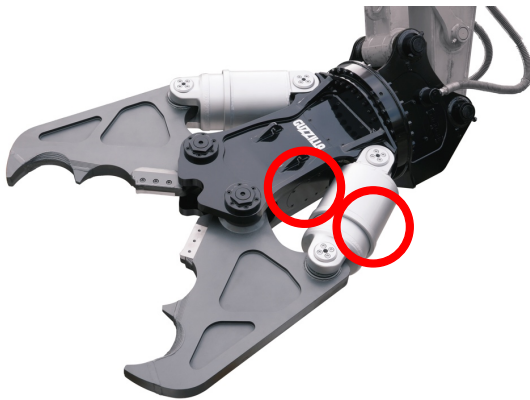
2. Ultimate Functionality

(Demolition Force & Opening Range)



To realize the ultimate crushing and cutting force and the ultimate opening range, we manufacture the large-diameter hydraulic cylinder by ourselves. Speedvalve is equipped as standard.

3. Ultimate Durability

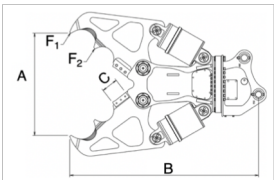


We place the hydraulic cylinder in the opposite position and set the cylinder guard to minimize the damage of the expensive components by demolition debris. At the same time, we put the side body cover as standard to protect the expensive hydraulic components inside the body.

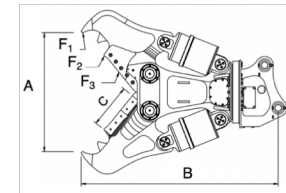


TAGUCHI

Concrete Crusher D Series Twin Cylinder



Cutting Crusher D-SRC Series with longer blades Twin Cylinder

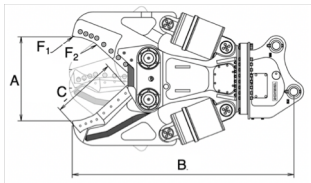
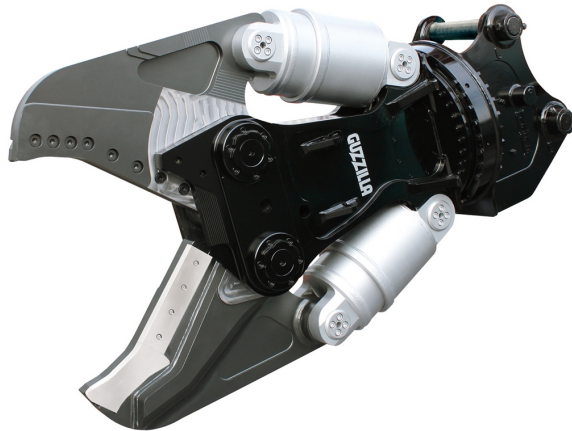


| | | D-35BS | D-41S | D-61S | D-71S | D-131S | D-211S | D-351S | D-451S | D-481S | D-491S |
|----------------|-----|-----------|-------|-------|-------|---------|---------|---------|---------|---------|---------|
| | ton | 3 - 5 | 4 - 5 | 6 - 8 | 6 - 8 | 12 - 14 | 20 - 22 | 30 - 37 | 40 - 45 | 45 - 55 | 45 - 55 |
| C | | 360° Hyd. | | | | | | | | | |
| | kg | 240 | 380 | 740 | 870 | 1400 | 2400 | 3680 | 5110 | 6070 | 6380 |
| A | mm | 360 | 500 | 630 | 800 | 1000 | 1300 | 1550 | 1900 | 2000 | 2200 |
| F ₁ | kN | 240 | 343 | 431 | 519 | 725 | 1160 | 1380 | 1380 | 2250 | 2060 |
| | ton | 24.5 | 35.0 | 43.9 | 52.9 | 73.9 | 118.3 | 140.7 | 140.7 | 229.4 | 210.1 |
| F ₂ | kN | - | 529 | 676 | 794 | 1120 | 1730 | 2110 | 2110 | 3370 | 3150 |
| | ton | - | 53.9 | 68.9 | 81.0 | 114.2 | 176.4 | 215.2 | 215.2 | 343.6 | 321.2 |
| B | mm | 1000 | 1240 | 1720 | 1750 | 2070 | 2400 | 2820 | 3190 | 3310 | 3410 |
| C | mm | 100 | 110 | 130 | 130 | 170 | 210 | 240 | 240 | 240 | 240 |
| | Mpa | 24.5 | 24.5 | 24.5 | 24.5 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 |
| | bar | 245 | 245 | 245 | 245 | 314 | 314 | 314 | 314 | 314 | 314 |
| Ma | Mpa | 24.5 | 24.5 | 27.4 | 27.4 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |
| | bar | 245 | 245 | 274 | 274 | 343 | 343 | 343 | 343 | 343 | 343 |

| | | D-SRC-61S | D-SRC-131S | D-SRC-211S | D-SRC-351S |
|----------------|-----|-----------|------------|------------|------------|
| | ton | 6 - 8 | 12 - 14 | 20 - 22 | 30 - 37 |
| C | | 360° Hyd. | | | |
| | kg | 790 | 1550 | 2520 | 3840 |
| A | mm | 620 | 1000 | 1300 | 1550 |
| F ₁ | kN | 430 | 730 | 1170 | 1430 |
| | ton | 43.8 | 74.4 | 119.3 | 145.8 |
| F ₂ | kN | 650 | 1100 | 1770 | 2170 |
| | ton | 66.3 | 112.2 | 180.5 | 221.3 |
| F ₃ | kN | 950 | 1600 | 2600 | 3140 |
| | ton | 96.9 | 163.2 | 265.1 | 320.2 |
| B | mm | 1620 | 1970 | 2280 | 2590 |
| C | mm | 320 | 410 | 520 | 580 |
| | Mpa | 24.5 | 31.4 | 31.4 | 31.4 |
| | bar | 245 | 314 | 314 | 314 |
| Max | Mpa | 27.4 | 34.3 | 34.3 | 34.3 |
| | bar | 274 | 343 | 343 | 343 |

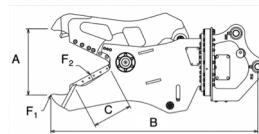
Cutter DSX Series

Twin Cylinder

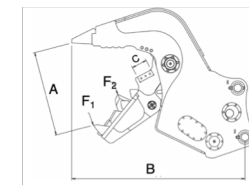


Cutting Crusher MFP Series

Single Cylinder



Pulverizer MC Series



| | | DSX-30S | DSX-40S | DSX-60S | DSX-120S | DSX-200S | DSX-300S |
|----------------|-----|-----------|---------|---------|----------|----------|----------|
| | ton | 3 - 4 | 4 - 5 | 6 - 8 | 12 - 14 | 20 - 22 | 30 - 37 |
| C | | 360° Hyd. | | | | | |
| | kg | 330 | 450 | 810 | 1540 | 2490 | 3810 |
| A | mm | 225 | 375 | 505 | 700 | 855 | 1010 |
| F ₁ | kN | 245 | 323 | 431 | 735 | 990 | 1270 |
| | ton | 25.0 | 32.9 | 43.9 | 74.9 | 101.0 | 129.5 |
| F ₂ | kN | 372 | 500 | 627 | 1060 | 1440 | 1870 |
| | ton | 37.9 | 51.0 | 63.9 | 108.1 | 146.8 | 190.7 |
| B | mm | 1120 | 1310 | 1570 | 1950 | 2260 | 2570 |
| C | mm | 165+103 | 205+155 | 260+175 | 325+210 | 400+260 | 450+310 |
| | Mpa | 24.5 | 24.5 | 27.4 | 31.4 | 31.4 | 31.4 |
| | bar | 245 | 245 | 274 | 314 | 314 | 314 |

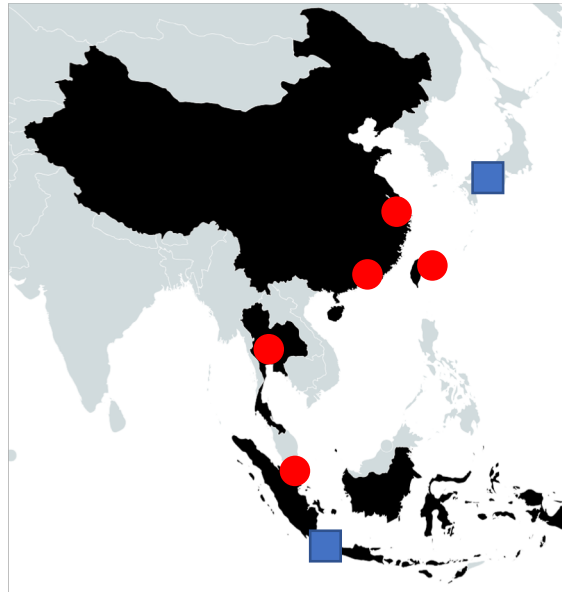
| | | MFP-35BS | MFP-61BS | MFP-121BS | MFP-201BS |
|----------------|-----|-----------|----------|-----------|----------------------|
| | ton | 3 - 5 | 6 - 8 | 12 - 14 | 20 - 22 |
| C | | 360° Hyd. | | | |
| | kg | 240 | 780 | 1400 | To be confirmed soon |
| A | mm | 430 | 530 | 690 | |
| F ₁ | kN | 153 | 393 | 553 | |
| | ton | 15.6 | 40.1 | 56.4 | |
| F ₂ | kN | 336 | 789 | 1214 | |
| | ton | 34.3 | 80.5 | 123.8 | |
| B | mm | 1240 | 1660 | 2100 | |
| C | mm | 240 | 320 | 400 | |
| | Mpa | 24.5 | 24.5 | 31.4 | |
| | bar | 245 | 245 | 314 | |
| | Mpa | - | 27.4 | 34.3 | |
| | bar | - | 274 | 343 | |

| | | MC-35B | MC-75B | MC-121 | MC-201 | MC-301 |
|----------------|-----|--------|--------|---------|---------|---------|
| | ton | 3 - 5 | 6 - 8 | 12 - 14 | 20 - 22 | 30 - 37 |
| | kg | 240 | 590 | 990 | 1660 | 2820 |
| A | mm | 430 | 620 | 745 | 880 | 1030 |
| F ₁ | kN | 178 | 369 | 549 | 725 | 1080 |
| | ton | 18.2 | 37.6 | 56.0 | 73.9 | 110.1 |
| F ₂ | kN | 282 | 534 | 882 | 1170 | 1750 |
| | ton | 28.8 | 54.5 | 89.9 | 119.3 | 178.5 |
| B | mm | 950 | 1270 | 1520 | 1800 | 2130 |
| C | mm | 70 | 100 | 120 | 160 | 180 |
| | Mpa | 24.5 | 24.5 | 31.4 | 31.4 | 31.4 |
| | bar | 245 | 245 | 314 | 314 | 314 |
| | Mpa | 24.5 | 27.4 | 34.3 | 34.3 | 34.3 |
| | bar | 245 | 274 | 343 | 343 | 343 |

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