

Q11Y Series Hydraulic Guillotine Beam Shearer



Standard Configuration:

- Hydraulic guillotine beam structure
- Domestic famous hydraulic system controls blade working
- European key electrics
- Electric back gauge with inching adjustment and mechanical digital display device
- Manual blade clearance adjustment (> 16mm, it will adopt electric blade clearance adjustment)
- Hydraulic and electric system adjusts cutting angle
- Time relay controls cutting stroke
- Digital counter controls cutting times
- Light alignment device eases drawing line for cutting
- Guarding rail
- Standard front support sheet frame
- A set of standard blades

Option:

Pneumatic back support device

Q11Y Series Hydraulic Guillotine Beam Shearer's Parameter Table

| No | Model | Shear thickness (mm) | Shear length (mm) | Distance between uprights (mm) | Strokes (cycle/min) | Backgauge range (mm) | Shear angle (°) | Worktable height (mm) | Throat Dept (mm) | Main motor (kw) | Hydraulic oil flow rate (L) | Dimension | | | Weight (kg) |
|---------|---------|----------------------|-------------------|--------------------------------|---------------------|----------------------|-----------------|-----------------------|------------------|-----------------|-----------------------------|-----------|--------|--------|-------------|
| | | | | | | | | | | | | L (mm) | W (mm) | H (mm) | |
| 1230168 | 6x3200 | 6 | 3200 | 3760 | 18 | 1000 | 0.5-1.5 | 800 | 250 | 11 | 250 | 4290 | 1975 | 2120 | 7000 |
| 1230169 | 6x4000 | 6 | 4000 | 4560 | 15 | 1000 | 0.5-1.5 | 800 | 250 | 11 | 250 | 5100 | 1950 | 2160 | 10300 |
| 1230170 | 8x3200 | 8 | 3200 | 3760 | 13 | 1000 | 0.5-2 | 850 | 250 | 18.5 | 250 | 4300 | 1975 | 2250 | 8500 |
| 1230171 | 8x4000 | 8 | 4000 | 4560 | 11 | 1000 | 0.5-2 | 850 | 250 | 18.5 | 250 | 5110 | 2110 | 2435 | 12650 |
| 1230175 | 12x3200 | 12 | 3200 | 3800 | 15 | 1000 | 0.5-3 | 895 | 300 | 30 | 400 | 4280 | 2200 | 2800 | 12500 |
| 1230176 | 12x4000 | 12 | 4000 | 4600 | 11 | 1000 | 0.5-2.5 | 895 | 300 | 30 | 400 | 5120 | 2215 | 2850 | 18000 |
| 1230177 | 12x5000 | 12 | 5000 | 5600 | 10 | 1000 | 0.5-2.5 | 1050 | 300 | 30 | 480 | 6120 | 2335 | 3100 | 25000 |
| 1230178 | 12x6000 | 12 | 6000 | 6600 | 8 | 1000 | 0.5-2.5 | 1050 | 300 | 30 | 480 | 7140 | 2445 | 3250 | 35000 |
| 1230180 | 16x3200 | 16 | 3200 | 3800 | 10 | 1000 | 0.5-3 | 895 | 300 | 30 | 400 | 4300 | 2215 | 2810 | 16500 |
| 1230181 | 16x4000 | 16 | 4000 | 4600 | 8 | 1000 | 0.5-2.5 | 895 | 300 | 30 | 400 | 5120 | 2335 | 2900 | 20000 |
| 1230182 | 16x5000 | 16 | 5000 | 5600 | 7 | 1000 | 0.5-2.5 | 1250 | 300 | 30 | 480 | 6140 | 2455 | 3250 | 30000 |
| 1230183 | 16x6000 | 16 | 6000 | 6620 | 6 | 1000 | 0.5-2.5 | 1250 | 300 | 30 | 480 | 7200 | 2600 | 3500 | 38000 |
| 1230184 | 20x3200 | 20 | 3200 | 3820 | 6 | 1000 | 0.5-3 | 895 | 300 | 37 | 430 | 4340 | 2300 | 2610 | 21000 |
| 1230185 | 20x4000 | 20 | 4000 | 4620 | 5 | 1000 | 0.5-3 | 895 | 300 | 37 | 480 | 5140 | 2430 | 3150 | 28000 |
| 1230186 | 25x3200 | 25 | 3200 | 3820 | 4 | 1000 | 0.5-3 | 895 | 300 | 37 | 430 | 4420 | 2400 | 3080 | 26000 |
| 1230187 | 25x4000 | 25 | 4000 | 4660 | 3 | 1000 | 0.5-3 | 895 | 300 | 37 | 480 | 5240 | 2450 | 3500 | 35000 |

Note: This parameter is subject to change without notice.

QC12K DNC Hydraulic Swinging Beam Shearer



Standard Configuration:

- Hydraulic swinging structure, the upper blade frame returned device adopts azote cylinder
- Clip-and-sleeve pipe system
- Swiss CYBELEC DNC61G system(special-purpose for shearing machine)
- European or Chinese famous brand hydraulic valves control blade plate working
- Key electric parts from Europe
- Ball screw and linear guide back-gauge device
- High efficiency AC servo motor and driver from Japan
- Back gauge conceding device
- System has automatic counter
- Auto digital control shearing process
- Light alignment device so it is easy to draw line for cutting
- Guarding rail
- Standard front support sheet frame
- A set of standard blades

Option:

- 1.Pneumatic back support($\leq 4000\text{mm}$)
- 2.Pneumatic back support($> 4000\text{mm}$)
- 3.ACL LFJK-1 CNC system



QC12K DNC Hydraulic Swinging Beam Shearer's Parameter Table

| No | Model | Shear thickness (mm) | Shear length (mm) | Distance between uprights (mm) | Stroke (cycles/min) | Range (mm) | Shear angle (°) | Worktable height (mm) | Throat depth (mm) | Main motor (kw) | Hydraulic oil flow rate (L) | Dimension | | | Weight (kg) |
|---------|---------|----------------------|-------------------|--------------------------------|---------------------|------------|-----------------|-----------------------|-------------------|-----------------|-----------------------------|-----------|--------|--------|-------------|
| | | | | | | | | | | | | L (mm) | W (mm) | H (mm) | |
| 1240411 | 4x2500 | 4 | 2500 | 2710 | 25 | 800 | 1.5 | 800 | 250 | 7.5 | 240 | 3100 | 1470 | 1560 | 4800 |
| 1240412 | 4x3200 | 4 | 3200 | 3410 | 20 | 800 | 1.5 | 800 | 250 | 7.5 | 290 | 3820 | 1500 | 1580 | 6400 |
| 1240414 | 4x6000 | 4 | 6000 | 6190 | 10 | 800 | 1.5 | 850 | 250 | 11 | 290 | 6600 | 2170 | 1920 | 16000 |
| 1240416 | 6x2500 | 6 | 2500 | 2720 | 20 | 800 | 1.5 | 800 | 250 | 7.5 | 240 | 3130 | 1570 | 1600 | 5500 |
| 1240417 | 6x3200 | 6 | 3200 | 3420 | 18 | 800 | 1.5 | 800 | 250 | 7.5 | 290 | 3840 | 1610 | 1620 | 6600 |
| 1240418 | 6x4000 | 6 | 4000 | 4220 | 15 | 800 | 1.5 | 800 | 250 | 7.5 | 388 | 4630 | 1850 | 1700 | 8900 |
| 1240419 | 6x5000 | 6 | 5000 | 5620 | 12 | 800 | 1.5 | 850 | 250 | 11 | 380 | 5700 | 2020 | 1870 | 14000 |
| 1240420 | 6x6000 | 6 | 6000 | 6230 | 10 | 800 | 1.5 | 850 | 250 | 11 | 380 | 6650 | 2170 | 1920 | 18000 |
| 1240421 | 8x2500 | 8 | 2500 | 2760 | 14 | 800 | 1.5 | 800 | 250 | 11 | 240 | 3190 | 1600 | 1620 | 6000 |
| 1240422 | 8x3200 | 8 | 3200 | 3460 | 12 | 800 | 1.5 | 800 | 250 | 11 | 380 | 3900 | 1680 | 1650 | 8500 |
| 1240423 | 8x4000 | 8 | 4000 | 4260 | 10 | 800 | 1.5 | 800 | 250 | 11 | 380 | 4680 | 1900 | 1720 | 9800 |
| 1240420 | 8x5000 | 8 | 5000 | 5255 | 8 | 800 | 1.5 | 850 | 250 | 11 | 380 | 5720 | 2020 | 1890 | 16000 |
| 1240424 | 8x6000 | 8 | 6000 | 6225 | 6 | 800 | 1.5 | 850 | 250 | 11 | 380 | 6670 | 2350 | 2050 | 22000 |
| 1240429 | 12x2500 | 12 | 2500 | 2755 | 12 | 800 | 1.5 | 810 | 320 | 18.5 | 290 | 3235 | 2045 | 1935 | 9500 |
| 1240430 | 12x3200 | 12 | 3200 | 3465 | 9 | 800 | 1.5 | 810 | 320 | 18.5 | 400 | 3945 | 2217 | 2055 | 12500 |
| 1240431 | 12x4000 | 12 | 4000 | 4265 | 7 | 800 | 1.5 | 810 | 320 | 18.5 | 450 | 4745 | 2217 | 2255 | 15000 |
| 1240432 | 12x5000 | 12 | 5000 | 5275 | 6 | 800 | 1.5 | 850 | 320 | 18.5 | 450 | 5800 | 2930 | 2600 | 23500 |
| 1240433 | 12x6000 | 12 | 6000 | 6245 | 5 | 800 | 1.5 | 1000 | 320 | 18.5 | 450 | 6900 | 2600 | 2640 | 33000 |
| 1240434 | 16x2500 | 16 | 2500 | 2755 | 7 | 800 | 2.5 | 810 | 320 | 22 | 290 | 3390 | 2250 | 2155 | 12000 |
| 1240435 | 16x3200 | 16 | 3200 | 3485 | 6 | 800 | 2.5 | 810 | 320 | 22 | 400 | 4100 | 2250 | 2320 | 15500 |
| 1240436 | 16x4000 | 16 | 4000 | 4285 | 5 | 800 | 2.5 | 810 | 320 | 22 | 450 | 4850 | 2300 | 2320 | 19500 |
| 1240437 | 16x5000 | 16 | 5000 | 5275 | 4 | 800 | 2.5 | 1000 | 320 | 22 | 450 | 5880 | 2450 | 2450 | 30000 |
| 1240433 | 16x6000 | 16 | 6000 | 6265 | 4 | 1000 | 2.5 | 1010 | 320 | 22 | 450 | 6820 | 2720 | 2750 | 46000 |
| 1240438 | 20x2500 | 20 | 2500 | 2785 | 6 | 1000 | 2.5 | 850 | 320 | 37 | 330 | 3440 | 2350 | 2330 | 18000 |
| 1240439 | 20x3200 | 20 | 3200 | 3485 | 5 | 1000 | 2.5 | 830 | 320 | 37 | 430 | 4140 | 2450 | 2360 | 22000 |
| 1240440 | 20x4000 | 20 | 4000 | 4285 | 5 | 1000 | 2.5 | 830 | 320 | 37 | 480 | 4940 | 2500 | 2390 | 25000 |
| 1240450 | 25x2500 | 25 | 2500 | 2885 | 5 | 1000 | 2.5 | 850 | 320 | 45 | 330 | 3510 | 2480 | 2350 | 19500 |
| 1240451 | 25x3200 | 25 | 3200 | 3505 | 5 | 1000 | 2.5 | 850 | 320 | 45 | 330 | 4160 | 2600 | 2500 | 26000 |
| 1240452 | 25x4000 | 25 | 4000 | 4305 | 4 | 1000 | 2.5 | 1000 | 320 | 45 | 480 | 4980 | 2700 | 2650 | 32000 |
| 1240460 | 32x2500 | 32 | 2500 | 2905 | 4 | 1000 | 3.5 | 1000 | 320 | 55 | 330 | 3600 | 2600 | 2700 | 35000 |
| 1240461 | 32x3200 | 32 | 3200 | 3605 | 4 | 1000 | 3.5 | 1000 | 320 | 55 | 400 | 4350 | 3050 | 2900 | 40000 |
| 1240462 | 32x4000 | 32 | 4000 | 4405 | 3 | 1000 | 3.5 | 1150 | 320 | 55 | 480 | 5100 | 3100 | 3200 | 46000 |

Note: This parameter is subject to change without notice.

QC12Y series Hydraulic Swinging Beam Shearer



Standard Configuration:

- Hydraulic swinging structure, the upper blade frame returned device adopts azote cylinder
- European or Chinese famous brand hydraulic valves control blade plate working
- Key electric parts from outside
- Power back-gauge device has manual and mechanical digital showing
- Adjusting blade sharp clearance fast manual
- Time relay controls cutting stroke
- Digital counter controls cutting times
- Light alignment device so it is easy to draw line for cutting
- Guarding rail
- Standard front support sheet frame
- A set of standard blades

Options:

Pneumatic back support device

QC12Y Series Hydraulic Swinging Beam Shearer's Parameter Table

| No | Model | Shear thickness (mm) | cutting length (mm) | Distance between uprights (mm) | strokes (cycle/min) | Backgauge range (mm) | Shear angle (°) | Worktable height (mm) | Throat Depth (mm) | Main motor (kw) | Hydraulic oil flow rate (L) | Dimension | | | Weight (kg) |
|---------|---------|----------------------|---------------------|--------------------------------|---------------------|----------------------|-----------------|-----------------------|-------------------|-----------------|-----------------------------|-----------|--------|--------|-------------|
| | | | | | | | | | | | | L (mm) | W (mm) | H (mm) | |
| 1240377 | 4x2500 | 4 | 2500 | 2710 | 25 | 600 | 1.5 | 800 | 250 | 7.5 | 240 | 3100 | 1470 | 1560 | 4800 |
| 1240378 | 4x3200 | 4 | 3200 | 3410 | 20 | 600 | 1.5 | 800 | 250 | 7.5 | 290 | 3820 | 1500 | 1580 | 6400 |
| 1240376 | 4x6000 | 4 | 6000 | 6190 | 10 | 800 | 1.5 | 850 | 250 | 11 | 290 | 6600 | 2170 | 1920 | 16000 |
| 1240380 | 6x2500 | 6 | 2500 | 2720 | 20 | 600 | 1.5 | 800 | 250 | 7.5 | 240 | 3130 | 1570 | 1600 | 5500 |
| 1240381 | 6x3200 | 6 | 3200 | 3420 | 18 | 600 | 1.5 | 800 | 250 | 7.5 | 290 | 3840 | 1610 | 1620 | 6600 |
| 1240382 | 6x4000 | 6 | 4000 | 4220 | 15 | 600 | 1.5 | 800 | 250 | 7.5 | 388 | 4630 | 1850 | 1700 | 8900 |
| 1240383 | 6x5000 | 6 | 5000 | 5620 | 12 | 800 | 1.5 | 850 | 250 | 11 | 380 | 5700 | 2020 | 1870 | 14000 |
| 1240384 | 6x6000 | 6 | 6000 | 6230 | 10 | 800 | 1.5 | 850 | 250 | 11 | 380 | 6650 | 2170 | 1920 | 18000 |
| 1240390 | 8x2500 | 8 | 2500 | 2760 | 14 | 600 | 1.5 | 800 | 250 | 11 | 240 | 3190 | 1600 | 1620 | 6000 |
| 1240391 | 8x3200 | 8 | 3200 | 3460 | 12 | 600 | 1.5 | 800 | 250 | 11 | 380 | 3900 | 1680 | 1650 | 8500 |
| 1240389 | 8x4000 | 8 | 4000 | 4260 | 10 | 600 | 1.5 | 800 | 250 | 11 | 380 | 4680 | 1900 | 1720 | 9800 |
| 1240370 | 8x5000 | 8 | 5000 | 5255 | 8 | 800 | 1.5 | 850 | 250 | 11 | 380 | 5720 | 2020 | 1890 | 16000 |
| 1240388 | 8x6000 | 8 | 6000 | 6225 | 6 | 800 | 1.5 | 850 | 250 | 11 | 380 | 6670 | 2350 | 2050 | 22000 |
| 1240385 | 12x2500 | 12 | 2500 | 2755 | 12 | 800 | 1.5 | 810 | 320 | 18.5 | 290 | 3235 | 2045 | 1935 | 9500 |
| 1240386 | 12x3200 | 12 | 3200 | 3465 | 9 | 800 | 1.5 | 810 | 320 | 18.5 | 400 | 3945 | 2217 | 2055 | 12500 |
| 1240387 | 12x4000 | 12 | 4000 | 4265 | 7 | 800 | 1.5 | 810 | 320 | 18.5 | 450 | 4745 | 2217 | 2255 | 15000 |
| 1240371 | 12x5000 | 12 | 5000 | 5275 | 6 | 800 | 1.5 | 850 | 320 | 18.5 | 450 | 5800 | 2930 | 2800 | 23500 |
| 1240372 | 12x6000 | 12 | 6000 | 6245 | 5 | 800 | 1.5 | 1000 | 320 | 18.5 | 450 | 6900 | 2600 | 2640 | 33000 |
| 1240395 | 16x2500 | 16 | 2500 | 2755 | 7 | 800 | 2.5 | 810 | 320 | 22 | 290 | 3390 | 2250 | 2155 | 12000 |
| 1240396 | 16x3200 | 16 | 3200 | 3485 | 6 | 800 | 2.5 | 810 | 320 | 22 | 400 | 4100 | 2250 | 2320 | 15500 |
| 1240397 | 16x4000 | 16 | 4000 | 4285 | 5 | 800 | 2.5 | 810 | 320 | 22 | 450 | 4850 | 2300 | 2320 | 19500 |
| 1240398 | 16x5000 | 16 | 5000 | 5275 | 4 | 800 | 2.5 | 1000 | 320 | 22 | 450 | 5880 | 2450 | 2450 | 30000 |
| 1240399 | 16x6000 | 16 | 6000 | 6265 | 4 | 800 | 2.5 | 1010 | 320 | 22 | 450 | 6820 | 2720 | 2750 | 46000 |
| 1240341 | 20x2500 | 20 | 2500 | 2785 | 6 | 1000 | 2.5 | 850 | 320 | 37 | 330 | 3440 | 2350 | 2330 | 18000 |
| 1240342 | 20x3200 | 20 | 3200 | 3485 | 5 | 1000 | 2.5 | 830 | 320 | 37 | 430 | 4140 | 2450 | 2360 | 22000 |
| 1240343 | 20x4000 | 20 | 4000 | 4285 | 5 | 1000 | 2.5 | 830 | 320 | 37 | 480 | 4940 | 2500 | 2390 | 25000 |
| 1240348 | 25x2500 | 25 | 2500 | 2805 | 5 | 1000 | 2.5 | 850 | 320 | 45 | 330 | 3510 | 2480 | 2350 | 19500 |
| 1240349 | 25x3200 | 25 | 3200 | 3505 | 5 | 1000 | 2.5 | 850 | 320 | 45 | 330 | 4160 | 2600 | 2500 | 26000 |
| 1240350 | 25x4000 | 25 | 4000 | 4305 | 4 | 1000 | 2.5 | 1000 | 320 | 45 | 480 | 4980 | 2700 | 2650 | 32000 |
| 1240351 | 32x2500 | 32 | 2500 | 2905 | 4 | 1000 | 3.5 | 1000 | 320 | 55 | 330 | 3600 | 2600 | 2700 | 35000 |
| 1240352 | 32x3200 | 32 | 3200 | 3605 | 4 | 1000 | 3.5 | 1000 | 320 | 55 | 400 | 4350 | 3050 | 2900 | 40000 |
| 1240353 | 32x4000 | 32 | 4000 | 4405 | 3 | 1000 | 3.5 | 1150 | 320 | 55 | 480 | 5100 | 3100 | 3200 | 46000 |

Note: This parameter is subject to change without notice.