



ZENITH JT Sawtooth Wave Jigger features and technical data

ZENITH is one of the biggest manufacturers in aggregate processing machinery for the sand & gravel, quarry, mining, construction and recycling industries. Headquarter of ZENITH is located in Shanghai, China and now we have two manufacturing bases as our strong support. The equipment includes crusher, mobile crusher, conveyor, screening machine, sand washing machine, track mounted mobile crusher, crushing equipment, mill equipment, complete aggregate crushing equipment, **beneficiation equipment**, jaw crusher, cone crusher, impact crusher, complete quarry equipment, and so on. We will provide the right equipment according to the customer's requirements, and help customers to choose the location of the production line, equipment installation, training of workers, as well as on-site help and after-sales service.

This is ZENITH JT Sawtooth Wave Jigger features and technical data:

JT Sawtooth Wave Jigger Features

1. Large handling capacity
2. Wide range of selective recovery granularity and high recovery rate
3. Recovery rate of valuable mineral with medium-fine particle-size increased
4. Low water consumption and low floor space
5. Stroke is adjustable
6. Max handling mineral particle size reaches 60mm

JT Sawtooth Wave Jigger Technical Data

| Model | | JT-0.57 | JT1-1 | JT2-2 | JT3-1 | JT4-2 | JT5-2 |
|--|---------------------------------------|-------------------|-------------------|-------------------|-------------------|--|--|
| Jigging Chamber | Section Form | Trapezium | Trapezium | Rectangle | Trapezium | Rectangle | Trapezium |
| | Length*Width(mm) | 450~750×950 | 450~900×1500 | 1070×1070 | 960~2000×1950 | 1510×1510 | 1200~2000×3150 |
| | Column Number | Single | Single | Single | Single | Single | Single |
| | Jig Chambers(psc) | 1 | 1 | 2 | 1 | 2 | 2 |
| | Single chamber area (m ²) | 0.57 | 1 | 1.14 | 3.3 | 2.43 | 2.12(single chamber) 2.77(double chamber) |
| | Total area(m ²) | 0.57 | 1 | 2.28 | 3.3 | 4.86 | 5 |
| Stroke Coefficient | | 0.57 | 0.64 | 0.45 | 1 | 0.58(single power) 0.45(dual power) | 0.58(single power) 0.45(dual power) |
| Max feed size(mm) | | 6 | 5 | 10 | <20 | 8, plus sieve automatic discharge <60 | 8, plus sieve automatic discharge <60 |
| Capacity(t/h) | | 1~2.5 | 2~3 | 4~8 | 10~15 | 12~16 | 10~20 |
| Water Consumption(m ³ /h) | | 1~2 | 2~3 | 2~4 | 3~6 | 4~8 | 5~10 |
| Separator | Stroke(mm) | 12, 17, 21 | 12, 17, 21 | 12, 17, 21 | 10~47 adjustable | 10~30 | 15, 20, 25 |
| | Jig frequency(min-1) | 60~156 adjustable | 60~156 adjustable | 60~156 adjustable | 80~100 adjustable | 80~120 adjustable | 80~120 adjustable |
| Motor | Model | YCT 132-4B | YCT 100L-6 | YCT32-4 | YCT-4B | YCT 160-4B | YCT 200-4A |
| | Power (kw) | 1.5 | 2.2 | 3 | 5.5 | 5.5 (dual power) 7.5 (single power) | 5.5 (dual power) 7.5 (single power) |
| Overall Dimension(Length*Width*Height)mm | | 1530×780×1550 | 2060×1112×1890 | 2870×1520×1880 | 2662×2000×3030 | 4240×1990×2750 | 3940×2006×2580 |
| Weight(kg) | | 612 | 989 | 1637 | 3260 | 3500 | 3854 |

Notes: The above data is only for your reference, capacity, hutch water varying from ore granularity, ore property and operating condition.