

40S+ HIGH PRECISION  
CNC DIE SINKING EDM



TECHNICAL PARAMETERS

| Item                                       | Unit    | 40S+                            |
|--------------------------------------------|---------|---------------------------------|
| X Axis travel                              | mm      | 400                             |
| Y Axis travel                              | mm      | 300                             |
| Z Axis travel                              | mm      | 320                             |
| Working table dimension                    | mm      | 700*400                         |
| Max weight of workpiece                    | kg      | 400                             |
| Max weight of electrode                    | kg      | 25                              |
| Distance from spindle end to working table | mm      | 585                             |
| Dimension of working tank on table         | mm      | 1200*680*440                    |
| Highest oil level                          | mm      | 290                             |
| Door open type                             | /       | manual lifting door             |
| Capacity of oil tank                       | L       | 590                             |
| Weight of machine                          | kg      | 2600                            |
| Dimension of machine                       | mm      | 2560*2300*2306                  |
| Max machining current                      | A       | 50                              |
| Best surface finish                        | μm      | ≤0.2                            |
| Min. electrode wear                        | %       | ≤0.1                            |
| Max machining speed                        | mm³/min | ≥500                            |
| Control axes                               | /       | three-axis simultaneous control |
| Display                                    | /       | 15" touch screen(TFT-LCD)       |

Due to continuous technical improvement, subject to change without notice

60S+ HIGH PRECISION  
CNC DIE SINKING EDM



TECHNICAL PARAMETERS

| Item                                       | 單位      | 60S+                            | 80S+                            |
|--------------------------------------------|---------|---------------------------------|---------------------------------|
| X Axis travel                              | mm      | 600                             | 800                             |
| Y Axis travel                              | mm      | 400                             | 500                             |
| Z Axis travel                              | mm      | 350                             | 400                             |
| Working table dimension                    | mm      | 900*600                         | 1100*600                        |
| Max weight of workpiece                    | kg      | 1200                            | 2500                            |
| Max weight of electrode                    | kg      | 100                             | 100                             |
| Distance from spindle end to working table | mm      | 700                             | 900                             |
| Dimension of working tank on table         | mm      | 1640*960*515                    | 1800*1100*570                   |
| Highest oil level                          | mm      | 380                             | 400                             |
| Door open type                             | /       | manual lifting door             | manual lifting door             |
| Capacity of oil tank                       | L       | 1100                            | 1500                            |
| Weight of machine                          | kg      | 4000                            | 5000                            |
| Dimension of machine                       | mm      | 2700*2900*2400                  | 2915*3360*2700                  |
| Max machining current                      | A       | 50                              | 50                              |
| Best surface finish                        | μm      | ≤0.2                            | ≤0.2                            |
| Min. electrode wear                        | %       | ≤0.1                            | ≤0.1                            |
| Max machining speed                        | mm³/min | ≥500                            | ≥500                            |
| Control axes                               | /       | three-axis simultaneous control | three-axis simultaneous control |
| Display                                    | /       | 15" touch screen(TFT-LCD)       | 15" touch screen(TFT-LCD)       |

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120S+ Twin-head HIGH PRECISION  
CNC DIE SINKING EDM



TECHNICAL PARAMETERS

| Item                                       | Unit    | 120S+ (twin-head)                                               |
|--------------------------------------------|---------|-----------------------------------------------------------------|
| Working table dimension                    | mm      | 1500 × 800                                                      |
| X/Y/Z Axis travel                          | mm      | Single head 800 × 600 × 450                                     |
| Dimension of working tank on table         | mm      | 2100 × 1250 × 600                                               |
| Max distance between spindle nose to table | mm      | 900                                                             |
| Max weight of electrode                    | kg      | 150                                                             |
| Max weight of workpiece                    | kg      | 4000                                                            |
| Positioning accuracy                       | μm      | X/Y/Z Full travel:15 / 15 / 11                                  |
| Single direction repositioning accuracy    | μm      | X/Y/Z Full travel:7 / 7 / 5                                     |
| Weight of machine                          | kg      | 8400                                                            |
| Dimension of machine                       | mm      | 4000 × 3150 × 2700                                              |
| Rated power                                | kw      | 12.5 / Single head                                              |
| Input voltage                              | v       | 380                                                             |
| Generator                                  | /       | CNC controller                                                  |
| Max machining current                      | A       | 50                                                              |
| Best surface finish                        | μm      | Ra≤0.2                                                          |
| Min. electrode wear                        | %       | ≤0.1                                                            |
| Max machining speed                        | mm³/min | ≥1000                                                           |
| Interpolation Method                       | /       | Straight, arc, helix                                            |
| Accuracy compensation                      | /       | Step error compensation and backlash compensation for each axis |
| Min drive                                  | μm      | 1                                                               |
| Display                                    | /       | 15" touch screen                                                |
| Remote                                     | /       | Standard jog (multi-grade selections) MFR0-3                    |

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