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| **Equipment specification**  **Technical characteristics**   |  |  |  | | --- | --- | --- | | **Title** | **Unit** | **LWS Three phase decanter centrifuge 420х1720** | | Application, compound and structure | 1 | Horizontal cylinder-conical three phase decanter centrifuge with solid rotor for three-phase (solid-liquid-liquid) mixture continuous separation. | | Separated product | - | Water-60%  Oil-products-20%  Salt, sulfur, reagents 15%  Sand-5% | | Product separation | - | Water  Oil  Solid precipitation | | Output | m3/h | 5 | | Centrifuge dimentions | LхWхH (mm) | 3523х1015х1105 | | Control cabinet dimentions | LхWхH (mm) | 900х550х1900 | | Weight | kg | 3800 | | Control cabinet type |  | Siemens, touch-sensitive control, frequency convertors | | Main electric motor power | kW | 22 | | Planetary reduction gear auxiliary electric motor power | kW | 7,5 | | Rotor speed | min | 0-3600 | | Cylinder rotor material with abrasion protection | steel | L316 | | Тип опоры станины | steel | СТ-3 с антикоррозийной защитой | | Срок эксплуатации | years | 10 (с учетом коэффициента использования) | | Delivery set | set | Assembled centrifuge  Remote control  Spare parts, tools and accessories  Registration certificate/passport  Operation manual |  |  |  | | --- | --- | |  |  | |  |  | |  |  | |  |  | | |