| Data Sheet | Stainless steel auger AISI 316, Ø500-800 |
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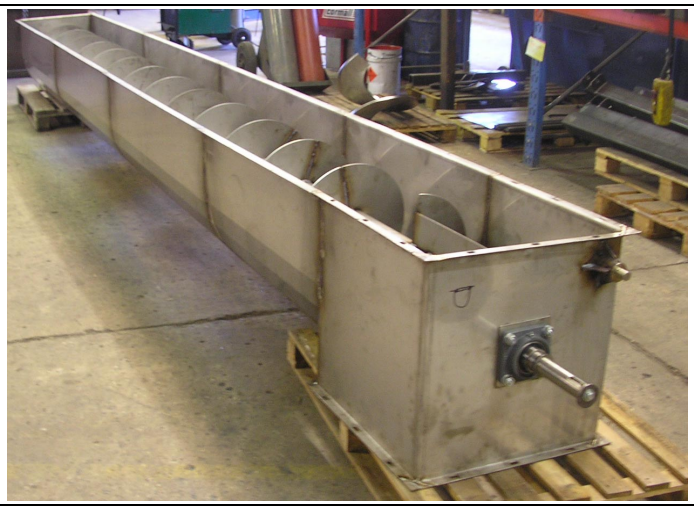
| Picture |  | | |
| Machine function | Auger for acid material mostly used for the filling system at biogas plants where there is used maize and grass silage with high content of moist/water in the material. | | |
| Machine number | 1040-200AISI | | |
| Machine paint | Standard ISO 12944-5 category C2.<br>Machines, guards etc. comes in a color type RAL 3001 red suitable for indoor, non corrosive environment - water and oil resistant -15 to + 60 degrees C, surface purified with alkaline degreaser, painted with a machine primer and here after coating paint. | | |
| Custom tariff number | 84369900 | | |
| Power consumption kW | 3,0 – 4,0 – 5,5 – 7,5 – 11 kW | | |
| Starter and wiring | 3-4 meter: 4,0 kW: DOL, 4 x 1mm$^2$<br>4-7 meter: 5,5 kW: DOL, 4 x 1,5mm$^2$<br>7-10 meter: 7,5 kW: DOL, 4 x 1,5mm$^2$ | | |
| Motor RPM | 1400 min$^{-1}$ | | |
| Auger sizes | Ø500 | Ø600 | Ø800 |
| Volume flow at 75% filling | 4,13 m$^3$/min | 6,89 - | 12,9 - |
| Volume flow at 50% filling | 2,75 m$^3$/min | 4,60 - | 8,62 - |
| Volume flow at 30% filling | 1,65 m$^3$/min | 2,75 - | 5,17 - |
| Measures | Ø500 | H=650 mm, W=620 mm and L=1500 to 14000 mm | |
| | Ø600 | H=750 mm, W=720 mm and L=1500 to 14000 mm | |
| | Ø800 | H=950 mm, W=920 mm and L=1500 to 14000 mm | |
| Weight | From 250 kg up to 3.000 kg | | |
| Standard | DS/EN 60204-1:2006 Safety of Machinery - Electrical Equipment of Machines, DS/EN ISO 13850 of January 29th 2007 emergency stop, DS/EN ISO 13849-1 safety-related parts of control systems, DS/EN 60204-1: 2006, cable installation method E | | |

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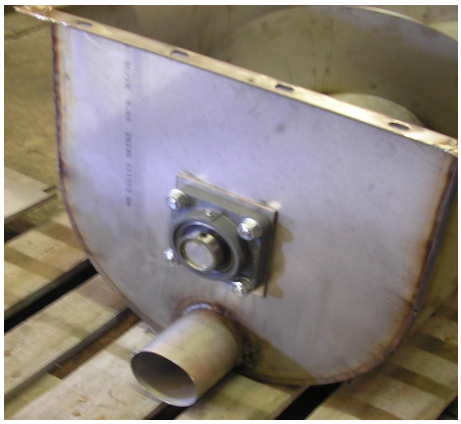
| RISK ASSESMENT - Machine | This machine cannot work as a “Stand Alone”, and can therefore not be delivered with a CE marking. |
| Optional: Water drain Ø80 – 100, for very wet material |  |