

good a specimen of the new machinery as could be named. The usual levers and weights are entirely done away with in this press, the pressure being given from a powerful spiral spring worked between crushers. The amount of pressure obtained is indicated by a self-working register. Mr. Gray also shows an improved curd mill, in which the curd is cut into strips by a block pressing it through a sharp knife frame. The advantage claimed for this machine is that the whole strength is allowed to remain in the curd.

THE MACHINERY IN MOTION

is always an attractive department, and as the greatest English agricultural engineers have specimens of their work, the result is all the latest developments of the application of steam to agricultural work are here seen in full swing. Besides steam ploughs, steam threshing machines, and other great implements for outside work there are numbers of engines for driving patent washers, mangles, and such-like domestic contrivances. In this section may fitly be placed the "silos," of which there are a large number shown. The various methods of treating ensilage are admirably illustrated, and the results obtained can be easily examined.

SHIRE STALLIONS

were first on the programme for adjudication, and the three-year-olds were as fine a collection as ever came together. The honor of the first prize fell to a beautiful bay, "Rufford Champion," shown by Mr. Maitland of Crmskirk. The two-year-olds were also a splendid lot, those shown by the Earl of Ellesmere deservedly taking the palm; his lordship being equally successful in the yearlings with "Shrewsbury," a colt from the Ferry Hill Stud Farm.

THE CLYDESDALES

were very prominent alike for quantity and quality, the number exhibited being the largest ever seen at a Royal Show. At no former show was this magnificent breed better represented, the average degree of excellence being very high. Lady Ossington, of Kilmarnock, secured first place in the three-year-olds with "The Macneilage." Mr. McCowan of Newtownards, Dumfries, coming second with "Scotch Pearl," a horse formerly known as "Lindores Abbey." The yearling stallions attracted great notice, being one and all in fine form. Mr. W. S. Park's "Knight Errant," which has an unbroken winning record, once more came first, the judges however finding some difficulty in placing it before "Holyrood," the Duke of Portland's nomination. In the three-year-old fillies, Lords Arthur and Lionel Cecil took first honors with "Cornflour," which as a yearling won every time it was shown. In the two-year old competition their lordships were successful with "Edith Plantagenet," an animal that was most undeservedly overlooked at the Glasgow Show.

SHORTHORNS

invariably take precedence of all other bovines at the Royal, and possibly they never merited the distinction more than on this occasion, the turn out being simply grand. In the aged bull class Mr. Chapman, of Gerrans, Cornwall, took the first place with "Earl of Oxford," a magnificent specimen of the breed. Two years ago he was first in his class, besides taking a special prize as the best animal in the field at the Royal Cornwall Show; this he repeated the succeeding year. At three Devonshire Shows he beat all comers, and again at the Bath and West of England meeting. The present is his first "Royal" appearance, and his success has put the Cornishmen in great feather. The most interesting competition, however, was the

one in the class for cows with not less than two of their offspring. The leading place was assigned to Mr. Sharp, of Kettering, whose entry, "Julia XIV.," with three of her youngsters was certainly a most commendable one, but considerable difference of opinion prevailed amongst the knowing ones outside as to the correctness of the award. This, however, is a most difficult class to judge, the animals being of different ages, and different degrees of development, so that the merits of one group are difficult to balance against those of another.

HEREFORDS.

This year's exhibits were a remarkably fine lot, and the prominence obtained of late by this breed, both in America and here, is likely to be yet further pronounced. Mr. Price of Pembroke was successful with "Hotspur" in the class for bulls calved in 1880 or 1881, beating Lord Coventry's Good Boy, a champion of the Bath and W. E. Brighton Show. Mr. Tudge has the honor of a double event in the "cows with offspring" class. "Rebe" and "Roseleaf" with their youngsters formed a most interesting group, and as the progeny of "Auctioneer" testify to the splendid qualities of that famous sire. In the class for cows and heifers Mr. Rankin, M. P., was second with a daughter of the famous "Lord Wilton," first place being given to "Sunflower," a remarkably nice heifer.

In the sheep sections the

SHROPSHIRE AND SOUTHDOWNS

were the leading features. The former were an exceptionally good show, and the Southdown ewes were admittedly the best ever seen at the Royal. Leicesters, Lincolns, Cotswolds, and Oxfordshire Downs were all well represented. In the lamb class too much "trimming" was noticeable, and one pen was disqualified on sight, the Prince of Wales' lot getting the coveted prize.

A special feature of the decorations in Mr. Dyke's exhibit was the head of "Jumbo," a big Canadian steer fed by Mr. Geo. Roddick and exhibited last year at Birmingham. The massive head has been capitally preserved, and offers at once ocular demonstration of the improvement that has been going on in our Dominion live stock raising.

Favored with fairly good weather and the presence of H. R. H. the Prince of Wales, the success of the show has been assured, and the committee have no reason to regret their choice of "Proud Preston." The people of Preston in giving up their splendid park acted in a most liberal fashion, and it is to be hoped the great accession of money flowing in the course of the week will in some measure recoup them for the sacrifice.

CLYDESDALES AT THE ROYAL SHOW.

English Live Stock Journal.

The show of Clydesdales is the largest, and the average quality is the highest, that has been seen at the Royal for many years. There have been individual animals exhibited at shows in recent years which have excelled anything here, but the general average have rarely been so high.

The class for aged stallions has been abolished, and in its place the Council have given a class for yearling colts. The best class in the yard is that for three-year-old fillies. All of these were of high merit, and included the best of their age in Scotland. The most noteworthy absentees were Mr. Murdoch's Comely and Sir Michael Shaw Stewart's Toplady. In the class for three-year-old stallions, Lady Ossing-

ton's fine stallion The Macneilage 2992—which has gained numerous prizes, and was got by the renowned Macgregor 1487—was again first. He is shown in grand form, and if he improves in his hocks as he has done within the past few months, nothing will beat him. Mr. McCowan's Scotch Pearl 2949, a son of the well-known horse St. Lawrence 322, which was first in the Royal at York in 1883, was second, and is one of the prettiest horses ever exhibited when viewed standing. Unfortunately his movement behind is not quite up to the mark, and keeps him back in the show-ring. Mr. Waddell's grand stud horse Young Duke of Hamilton 4122, which was placed fourth at Glasgow, was third, and Mr. J. D. Lang's Pride of the Glen 3080, which got the reserve number, is a good specimen. The total entries in this class numbered seven. The two-year-old stallions as entered numbered fifteen, and most of them were forward, the most noteworthy absentees being Mr. W. S. Park's Sir Hildebrand. Here the first and second prizes were gained by sons of Macgregor 1487, Lord Cecil's fine colt Claymore, which was second at Glasgow and Edinburgh, being first, with Mr. Rodger's Little Jack Elliott, which was first at the Centenary, second. A new face appeared in Lord Strathmore's colt Star of Belton 4032, a fine level animal got by the horse Fitzlyon 1656, which was first at the Highland and Agricultural Society at Glasgow in 1882, which was third, and Lord Londonderry's King Lawrence, whose career has been somewhat checkered, got the reserve number. The yearling colts were at once a large and a good class. The entries numbered ten, and the prize-winners were very superior animals, the remainder being animals with lots of good things about them. Mr. Loder exhibited a very fine colt by Farmer 286, out of his fine mare Flora, by Darnley 122, which, although it got no prize, was well worthy of exhibition on account of the high excellence of his fore feet and legs. Mr. Park's fine colt Knight Errant was again forward. He is not looking nearly so well as he did, having just come through the cold, but was a clear enough winner for all that. His only real competitor to an outsider seemed to be the Newtonairs colt, which was first at Ayr and Edinburgh; but the judges did not think so, as they compared Knight Errant and the roan colt Holyrood for some time, but eventually gave the first ticket to the former, and put Holyrood second, with the Newtonairs colt third. The second colt is by Auld Reekie 1920, out of the fine black mare which was second at the Centenary last year, and he gained third prize at Kilmarnock in the spring. The quality of the hair on his legs is not quite so good as one would like, and his hocks are no better set than they should be; still, he is a superior colt, and quite deserving a prize in good company. The Newtonairs colt is improving, and will again resume his old position if carefully looked after and not overfed during the coming winter. The Rev. John Gillespie, the popular editor of the Galloway Herd Book, got the reserve number with a lean colt of some promise.

The entries of brood mares numbered eleven, and among those forward there was one from the north side of the Tweed. The excellence of the class was all the more remarkable on this account, and reflects credit on the specimens of the Clydesdale breed kept in England. Lord Ellesmere secured his first honors as an exhibitor of pedigreed Clydesdales by winning first prize in this class with the fine brood mare Flower Girl. This mare was second at the Royal at Shrewsbury last year, and is in excellent form, being a granddaughter of the famed Prince of Wales 673. She was bred by